



Coastal
The Energy People

December 14, 1994

Bureau of Land Management
Vernal District Office
170 South 500 East
Vernal, Utah 84078

Re: Ute #1-15B6
Sec. 15, T2S-R6W
Lease No. 14-20-H62-4647
Duchesne County, Utah

To whom it may concern:

Enclosed is the Application for Permit to Drill (APD), the Drilling Program, and the Surface Use and Operations Plan for the above described well. Please note that additional copies have been sent to the BIA and the Ute Tribe.

Also note items f. and g. on page 10 of the Surface Use Plan, which address the issues of location exception and communitization agreement for this well.

A copy of the Class III Archaeological Survey was sent to you by Metcalf Archaeological Consultants, Inc.

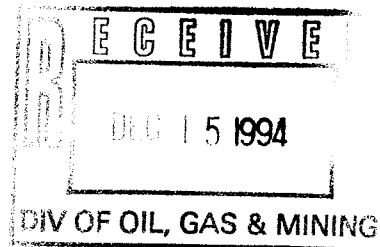
If you have any questions concerning the enclosed documents, please contact me at (303) 573-4476.

Sincerely,

Bonnie Johnston
Environmental Analyst

Enc.

cc: Ute Tribe - Attn: Ferron Secakuku
BIA - Attn: Dianne Mitchell
Division of Oil, Gas, and Mining - SLC, UT



ANR Production Company

A SUBSIDIARY OF THE COASTAL CORPORATION
600 17TH STREET STE 500 SOUTH • P.O. BOX 749 • DENVER CO 80201-0749 • 303 572-1121

RECEIVED
SUBMIT IN TRIPLICATE*
Other Sections on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
DIVISION OF OIL, GAS & MINING

Form approved.
Budget Bureau No. 1004-0136
Expires August 31, 1985

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK <div style="display: flex; justify-content: space-around;">DRILL <input checked="" type="checkbox"/>DEEPEN <input type="checkbox"/>PLUG BACK <input type="checkbox"/></div> b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> 2. NAME OF OPERATOR ANR Production Company 3. ADDRESS OF OPERATOR P.O. Box 749, Denver, CO 80201-0749 (303) 573-4476 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface: 1401' FSL & 1295' FWL At proposed prod. zone: Same as above 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* Approximately 17 miles NW of Duchesne, Utah 15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 1295' 18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. none 21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6449' GR		5. LEASE DESIGNATION AND SERIAL NO. 14-20-H62-4647 6. IF INDIAN, ALLOTTEE OR TRIBE NAME Ute 7. UNIT AGREEMENT NAME N/A 8. FARM OR LEASE NAME Ute 9. WELL NO. # 1-15B6 10. FIELD AND POOL, OR WILDCAT Altamont 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 15, T2S-R6W 12. COUNTY OR PARISH Duchesne 13. STATE Utah 16. NO. OF ACRES IN LEASE 200 17. NO. OF ACRES ASSIGNED TO THIS WELL 640 19. PROPOSED DEPTH 14,500' 20. ROTARY OR CABLE TOOLS rotary 22. APPROX. DATE WORK WILL START* Upon approval
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PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13-3/8"	54.5# ST&C	0 -1200'	1220 sx to surface
12-1/4"	9-5/8"	40# BT&C	0 -7200'	1160 sx cmt'd to 5,000'
8-3/4"	7"	26# LT&C	6900'-11,000'	700 sx cmt'd to 6900'
8-3/4"	5"	18# LT&C	10,700'-14,500'	350 sx

ANR production Company proposes to drill a well to a proposed T.D. of 14,500' to test the Wasatch formation. If productive, casing will be run and the well completed. If dry, the well will be plugged and abandoned, as per BLM, BIA, and State of Utah requirements.

See Onshore Order No. 1, attached.

Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by ANR Production Company under their Nationwide Bond #U768806.

ANR Production Company is considered to be the Operator of the above described well. ANR agrees to be responsible under the terms and conditions of the lease for the operations conducted upon the leased lands.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. Bonnie Johnston
SIGNED Bonnie Johnston TITLE Environmental Analyst DATE 12/13/94

(This space for Federal or State office use)

PERMIT NO. 43-013-31484 APPROVAL DATE _____
APPROVED BY _____ TITLE _____
CONDITIONS OF APPROVAL, IF ANY: _____

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING
DATE: 1/20/95
BY: W. J. Matthews
WELL SPACING Case 139-8

*See Instructions On Reverse Side

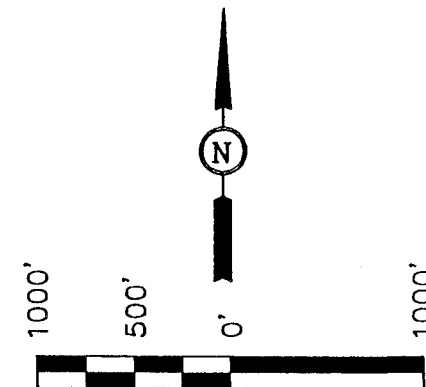
T2S, R6W, U.S.B.&M.

ANR PRODUCTION CO.

Well Location, UTE #1-15B6, located as shown in the NW 1/4 SW 1/4 of Section 15, T2S, R6W, U.S.B.&M. Duchesne County, Utah.

BASIS OF ELEVATION

SPOT ELEVATION AT THE SOUTHWEST CORNER OF SECTION 29, T2S, R6W, U.S.B.&M. TAKEN FROM THE BLACKTAIL MTN. QUADRANGLE, UTAH, DUCHESNE COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 7613 FEET.



SCALE

CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

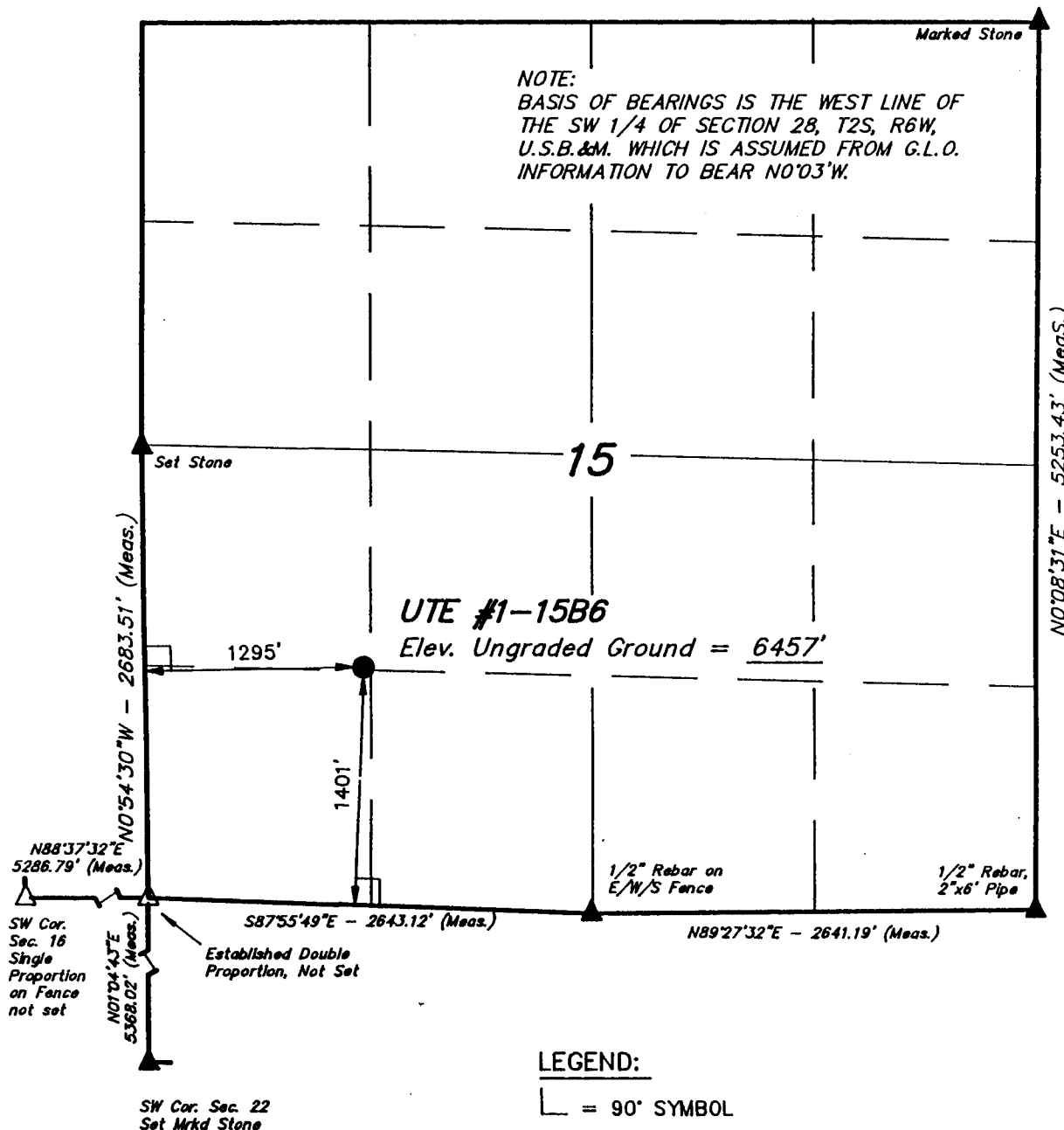
REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

Revised: 12-6-94 D.R.B.
Revised: 10-5-94 D.R.B.

UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST - VERNAL, UTAH 84078
(801) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 10-1-94	DATE DRAWN: 10-3-94
PARTY D.A. L.D.T. D.R.B.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE ANR PRODUCTION CO.	

NOTE:
BASIS OF BEARINGS IS THE WEST LINE OF
THE SW 1/4 OF SECTION 28, T2S, R6W,
U.S.B.&M. WHICH IS ASSUMED FROM G.L.O.
INFORMATION TO BEAR N0°03'W.



BEFORE THE BOARD OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH

IN THE MATTER OF THE)
REQUEST FOR AGENCY ACTION)
OF ANR PRODUCTION COMPANY)
FOR AN ORDER POOLING ALL)
INTERESTS FOR THE)
DEVELOPMENT AND OPERATION)
OF THE DRILLING UNIT)
ESTABLISHED FOR SECTION 15,)
TOWNSHIP 2 SOUTH, RANGE 6)
WEST, U.S.M., IN DUCHESNE)
COUNTY, UTAH, AS TO THE)
INTERVAL SPACED UNDER THE)
ALTAMONT AREA SPACING)
ORDER, IN DUCHESNE COUNTY,)
UTAH; AND TO ALLOCATE)
PRODUCTION AND COSTS IN THE)
UTE TRIBAL #1-15B6 WELL.)

**FINDINGS OF FACT,
CONCLUSIONS OF LAW, AND
ORDER**

Docket No. 94-029

Cause No. 139-70

This cause came on regularly for hearing before the Board of Oil, Gas and Mining (the "**Board**") on Wednesday, October 26, 1994, at 10:00 am., in the Hearing Room of the Division of Oil, Gas and Mining at 355 West North Temple, 3 Triad Center, Suite 520, Salt Lake City, Utah.

The following Board members present and participating in the hearing were: Chairman David D. Lauriski, Judith F. Lever, Jay L. Christensen, Kent G. Stringham, Raymond Murray, Thomas Faddies, and Elise L. Erler. Staff members of the Division of Oil, Gas and Mining (the "**Division**") present and participating in the hearing included James W. Carter, Director; Ronald J. Firth, Associate Director for Oil and Gas; Brad Hill, geologist; and

Frank Matthews, petroleum engineer. Chris Denver appeared as acting president of the Ute Distribution Corporation.

Phillip Wm. Lear, Esq., of Snell & Wilmer appeared on behalf of ANR Production Company ("ANR") and M. Frank Peck, Robert J. LaRoque, and Vince E. Guinn appeared as witnesses for ANR.

Thomas A. Mitchell, Esq., Assistant Attorney General, represented the Board; and William R. Richards, Esq., Assistant Attorney General, represented the Division. No persons appeared in opposition.

Robert A. Henricks, Chief, Branch of Fluid Minerals (Utah State Office) and Assad N. Raffoul, petroleum engineer (Utah State Office) appeared for the United States Department of the Interior, Bureau of Land Management.

NOW THEREFORE, the Board, having fully considered the testimony adduced and the exhibits received at the hearing, and being fully advised in the premises, makes and enters its Findings of Fact, Conclusions of Law, and Order, as follows:

FINDINGS OF FACT

1. The Board mailed notice of the October 26, 1994 hearing to all interested parties by certified mail, return receipt requested on October 7, 1994, and caused notice to be published in the *Deseret News* and in the *Salt Lake Tribune* on October 10, 1994, and in the *Uintah Basin Standard* on October 11, 1994.

2. ANR mailed photocopies of the Request for Agency Action to the last known address of all owners.

3. ANR is a Delaware corporation in good standing, having its principal place of business in Houston, Texas. ANR is licensed to do business in Utah.

4. The lands affected by the Request for Agency Action are described, as follows:

Township 2 South, Range 6 West, U.S.M.

Section 15: All

(Containing 640 acres, more or less)

("Subject Lands"). The Subject Lands comprise privately owned lands and lands of the Ute Indian Tribe of the Uintah and Ouray Reservation, held in trust by the United States of America, trustee, and administered by the Bureau of Indian Affairs.

5. The Subject Lands are part of ANR's Blacktail Prospect, which prospect encompasses all of Township 2 South, Range 6 West, U.S.M., and the northern tier of sections in Township 3 South, Range 6 West, U.S.M.

6. By order dated September 20, 1978, in Cause No 139-8 (the "Order"), the Board established 640-acre drilling units (or their public land survey section equivalents) for the common sources of supply of oil, gas, and associated hydrocarbons in the Lower Green River-Wasatch formations in the Altamont Area of Duchesne County, Utah, including the Blacktail Prospect and the Subject Lands for the drilling units to the stratigraphic interval more particularly described as follows:

The interval from the top of the Lower Green River formation (TGR₃ marker) to the base of the Green River-Wasatch formations (top of Cretaceous), which base is defined as the stratigraphic equivalent of the Dual Induction Log

depths of 16,720 feet in the Shell, Ute 1-18B5 well located in the S½NE¼ of Section 18, Township 2 South, Range 5 West, U.S.M., and 16,970 feet in the Shell, Brotherson 1-11B4 well located in the S½NE¼ of Section 11, Township 2 South, Range 4 West, U.S.M.

("Spaced Interval").

7. The Order provides for one well to produce from the spaced interval and for the location of each permitted well to be in the center of the NE¼ of the governmental section comprising such unit, with a tolerance of 660 feet in any direction; provided that an exception to said tolerance may be granted administratively without a hearing where a topographical exception is deemed necessary.

8. ANR is the owner of working interests in the Subject Lands and Spaced Interval.

9. ANR is the operator of the Ute Tribal #1-15B6 Well (the "Well") to be drilled in its Blacktail Prospect within the drilling unit established for the Subject Lands. No prior wells have been drilled on the Subject Lands.

10. ANR seeks to drill the Well to a proposed depth of 14,500 feet in the Wasatch formation to test for production of oil, gas, and associated hydrocarbons from the Spaced Interval.

11. ANR and other owners having interests in the drilling unit have voluntarily pooled their interests for common development of the Spaced Interval in the drilling unit established for those portions of the Subject Lands in Tracts 1 and 3 and approximately 84.4% of Tract 2.

12. ANR has made repeated efforts to enter into mutually acceptable operating agreements with or to otherwise lease, purchase, or combine the oil and gas rights from other owners of the mineral estate in approximately 15.6% of those portions of the Subject Lands in Tract 2 and to voluntarily pool those interests, with no success.

13. Owners who have not voluntarily joined the drilling unit or otherwise committed to participating in the Well as of the date of the hearing are: Pennzoil Exploration and Production Company; John B. Milam; William G. Milam, II; Club Oil & Gas Company; Raymond T. Duncan; the Vincent Joseph Duncan Trust; the Raymond Twomey Duncan Trust; and Walter Duncan Oil Company.

14. Pennzoil Exploration and Production Company has committed to farmout its acreage to ANR, but as of the date of the hearing had not executed the farmout agreement.

15. Club Oil & Gas Company; Raymond T. Duncan; the Vincent Joseph Duncan Trust; the Raymond Twomey Duncan Trust; and Walter Duncan Oil Company have entered into negotiations with ANR, but have not committed to voluntarily join the unit as of the date of the hearing.

16. The weighted average royalty in the drilling unit, calculated on an acreage basis per tract, is 15.45%.

17. The Well is proposed to be drilled in the NW¼SW¼ of the Subject Lands, as an exception well.

18. The proposed well is to be located on a 3.03-acre drillsite dug into the 700 foot wall of the McAfee Ridge on the north side of the Duchesne River.

19. The elevation of the wellsite above the valley floor is approximately 330 feet.

20. ANR will gain access to the wellsite from State Route 35 by erecting a bridge across the Duchesne River and building a switch-back road, approximately one mile long, into the McAfee Ridge; and will remove its production via a pipeline from the Well to an existing oil and gas pipeline which parallels State Route 35.

21. The cost of building the location as proposed will be approximately five times the normal cost of wells in the Altamont--Bluebell field because of the severe topography.

22. Possible alternative sites in the NE¼ are impractical, as they would require ANR to (a) improve and maintain existing jeep trails and construct new roads along a 32-miles route, (b) truck its oil from the Subject Lands, and (3) flare the associated gas; all unacceptable results economically, conservationally, and environmentally. No access to the NE¼ is available from State Route 35 because of severe topographic features.

23. Additional possible alternative sites on the valley floor in the S½S½ of the Subject Lands adjacent to the Duchesne River are impractical due to the risk of (a) contamination of wetlands and the river system in the event of a spill and the additional cost of berming the wellsite to prevent environmental damage and (b) the wellsite being inundated by the river during high water.

24. The existing topographic features and steep inclines for the proposed location in the NW¼SW¼ will add approximately \$400,000.00 to the cost of drilling an average well in the Altamont field.

25. The Blacktail Prospect lies on the northwestern flank of the Altamont field.

26. The Lower Green River-Wasatch formations underlying the Subject Lands and drilling unit and its eight off-setting drilling units is a highly complex series of isolated and discontinuous beds of productive rock that are randomly distributed vertically over a several thousand foot-thick interval. Depositional environments created three primary facies: (a) the lacustrine consisting of very tight shales and dense carbonates, (b) the alluvial red bed wedge coming off the Ancestral Uinta Mountains, and (c) the transitional facies between the lacustrine and alluvial beds.

27. The productive beds have low permeability with an average matrix porosity of 6.0%, requiring natural fracturing to produce significant volumes from the many discontinuous beds.

28. Wells in the Blacktail Prospect are more expensive to drill than in the heart of the Altamont field because (a) the productive beds are deeper due to the 300-foot per mile dip to the north, (b) productive beds are less overpressured, and (c) less transitional facies appears in the well because the beds are farther removed from the lacustrine environment to the south.

29. Wells in the Blacktail Prospect area have lower reservoir pressures, lower reservoir temperatures, lower bubble point pressures, significantly high gas-to-oil ratios, and higher average gravities for oil.

30. Many drilling units in the Blacktail Prospect area have not been drilled or tested. No infill drilling, characteristic of the heart of the Altamont field, has occurred in the Blacktail Prospect area.

31. The acceptable risk factor in the industry for development wells, generally, and for development wells in the Altamont--Bluebell field, specifically, is 80%, or eight economically productive wells for every ten wells drilled.

32. The acceptable risk factor in the industry for exploration wells generally and for exploration wells in the Uinta Basins specifically, is one economically productive well in six wells drilled.

33. Only one well in six drilled in the Blacktail Prospect area would be an economic producer.

34. The generally accepted risk-compensation (nonconsent) penalty contained in joint operating agreements in the Altamont--Bluebell field is 300% for development wells.

CONCLUSIONS OF LAW

1. The Board has jurisdiction of the parties and of the subject matter of ANR's Request for Agency Action, pursuant to Chapter 6 of Title 40 of the *Utah Code Annotated* and pursuant to the Order; and has the authority to make and promulgate the order hereinafter set forth.

2. In the absence of voluntary pooling, the Board has authority to force pool the interests of parties entitled to participate in production pursuant to section 40-6-6.5 of the *Utah Code Annotated*.

3. The Division gave due and regular notice of the time, place, and purpose of the hearing to all interested parties as required by law and by the rules and regulations of the Board.

4. ANR's petition poses an appropriate request for forced-pooling.

5. The Lower Green River-Wasatch formations underlying the Subject Lands and drilling unit constitutes a pool as that term is defined in section 40-6-2(18) of the *Utah Code Annotated*.

6. The Subject Lands and the Spaced Interval have been previously spaced under the Board's Order dated September 20, 1972, in Cause No. 139-8.

7. ANR's efforts to achieve voluntary pooling before seeking the Board's intervention have been reasonable.

8. Several owners having vested rights in the pool have either refused or failed to voluntarily join in the common development of the pool.

9. The Board has the authority to award a risk-compensation (nonconsent) penalty to consenting parties to off-set the risk of drilling a Well in the drilling unit, pursuant to section 40-6-6.5(d) of the *Utah Code Annotated*.

10. For purposes of the Well, a risk-compensation penalty assessed against the nonconsenting owners in an amount of 100% of the nonconsenting owner's cost of surface-related equipment and plugging and abandoning operations and 300% of site-preparation and drilling, testing, completing, and reworking the Well is authorized by law and is just and reasonable under the circumstances, pursuant to *Utah Code Annotated* 40-6-6.5(d).

11. The average royalty to be accorded the interests of nonconsenting owners pursuant to section 40-6-6.5(6) of the *Utah Code Annotated* is 15.45%, proportionately reduced to the ratio the owner's interest bears to the entire participating interest in the drilling unit.

12. The risk compensation penalty and average royalty computations apply exclusively to the Well, and computations for risk compensation penalty and the average royalty for any subsequent wells drilled in the drilling unit must be determined independently by the Board after notice and hearing.

13. An order force pooling nonconsenting interests in the Subject Lands and Spaced Interval will promote the public interest, increase ultimate recovery, prevent waste, and protect correlative rights of all owners.

ORDER

IT IS THEREFORE ORDERED that in order to prevent waste of the oil, gas, and associated hydrocarbons, to increase the ultimate recovery of the resource, to prevent physical and economic waste:

- A. ANR's Request for Agency Action is granted.
- B. The interests of all nonconsenting owners who refuse or fail to voluntarily join in common development of oil, gas, and associated hydrocarbons in the pool in the Subject Lands and Spaced Interval are hereby pooled.
- C. Each owner entitled to share in production from the pool shall be obligated to pay his prorated portion of all just and reasonable costs of drilling and operating the drilling unit as provided in section 40-6-6.5(4)(a) of the *Utah Code Annotated*.

D. Each nonconsenting owner shall reimburse the consenting owners for the nonconsenting owner's prorated share of costs out of, and only out of, the nonconsenting owner's share of production from the drilling unit attributable to his tract as provided in section 40-6-6.5(4)(b) of the *Utah Code Annotated*.

E. Each consenting owner shall own and be entitled to receive, subject to royalty or similar obligations, his share of production of a well applicable to his interest in the drilling unit and his proportionate share of the nonconsenting owners' shares of the production until costs are recovered, as provided in section 40-6-6.5(4)(c) of the *Utah Code Annotated*.

F. Each nonconsenting owner shall be entitled to receive, subject to royalty or similar obligations, the share of production of the Well applicable to his interest in the drilling unit after the consenting owners have recovered from the nonconsenting owner's share of production the following amounts, less cash contributions, if any, made by the nonconsenting owners:

- (1) 100% of the nonconsenting owner's share of the cost of surface equipment beyond the wellhead connections, including stock tanks, separators, treater, pumping equipment, and piping;
- (2) 100% of the nonconsenting owner's share of the estimated cost to plug and abandon the Well.
- (3) 100% of the nonconsenting owner's share of the cost of operation of the Well commencing with first production and continuing until the consenting owners have recovered all costs; and

(4) 300% of the unconsenting owner's share of the costs of staking the location, wellsite preparation, rights-of-way, rigging up, drilling, reworking, recompleting, deepening or plugging back, testing, and completing, and the cost of equipment in the Well to and including the wellhead connections;

as provided in section 4-6-6.5(4)(d) of the *Utah Code Annotated*.

G. Consenting owners are hereby obligated to pay to nonconsenting owners a 15.45% royalty on production, proportionately reduced to the nonconsenting owner's share of production, for those tracts not subject to a lease or contract for development, or the stated royalty for those tracts covered by a lease or contract for development; said royalty to be paid from, and only from, production realized from the sale of the production during the proceeding month, until such time as the consenting owners have recovered the costs specified by statute, as provided in section 40-6-6.5(5) and (6) of the *Utah Code Annotated*.

H. The operator of a well shall be required to furnish nonconsenting owners with monthly statements containing the information specified in section 40-6-6.5(7) of the *Utah Code Annotated*.

I. When consenting owners have recovered from a nonconsenting owner's relinquished interest the amounts provided in section 40-6-6.5(4)(d) of the *Utah Code Annotated*, the relinquished share shall automatically revert to the nonconsenting owner, and the nonconsenting owner will from that time forward own the same interest in a well and the production from it, be liable for further costs of operation as if he had participated in the initial

drilling and operation, and the costs incurred thereafter shall be paid out of production unless otherwise agreed, as provided in section 40-6-6.5(8) of the *Utah Code Annotated*.

J. During the period of relinquishment and at any other time when the nonconsenting owner refuses or is unable to take his production in kind, the nonconsenting owner is entitled to an accounting as provided in section 40-6-6.5(9) of the *Utah Code Annotated*.

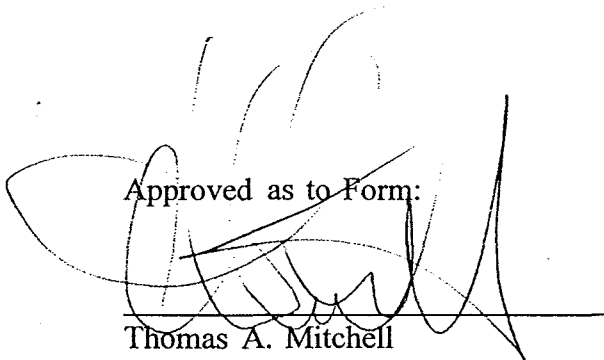
K. The Board retains exclusive and continuing jurisdiction of all matters covered by this order and of all parties affected thereby; and specifically, the Board retains and reserves exclusive and continuing jurisdiction to make further orders as appropriate and authorized by statute and applicable regulations.

ENTERED this 19th day of ^{December} November, 1994.

STATE OF UTAH
BOARD OF OIL, GAS AND MINING



David D. Lauriski
Chairman



Approved as to Form:

Thomas A. Mitchell
Assistant Attorney General
Board of Oil, Gas and Mining

CERTIFICATE OF MAILING

I hereby certify that I caused a true and correct copy of the foregoing FINDINGS OF FACT AND CONCLUSIONS OF LAW AND ORDER for Docket No. 94-029, Cause No. 139-70 to be mailed by certified mail, postage prepaid, on the 6th day of January 1995, to the following:

Phillip Wm. Lear, Esq.
Jeffrey T. Sivertsen, Esq.
Attorneys for ANR Production Co.
111 East Broadway, Suite 900
Salt Lake City, Utah 84111

ANR Production Company
600 17th Street, Suite 800 South
P.O. Box 749
Denver, Colorado 80201-0749
Attn: Frank Peck

The following copies were mailed first-class, postage prepaid:

Club Oil & Gas
c/o John V. Castia, Land Manager
1777 South Harrison Street
Denver, Colorado 80211

Jill Cobb
11988 Marlowe Avenue
Morrison, Colorado 80465

ConVest Energy Corporation
Suite 700
2401 Fountain View Drive
Houston, Texas 77252-2967

Croff Oil Company
1433 17th Street, Suite 220
Denver, Colorado 80202

Covey Minerals, Inc.
3000 Conner Street, #13
Salt Lake City, Utah 84109

NaDene W. Dana
400 East Main Street
Box 251
Cokeville, Wyoming 83114

J. Walter Duncan,
Vincent J. Duncan,
Raymond T. Duncan,
Edward J. Duncan
Co-Trustees of the Raymond T.
Duncan Trust
c/o John V. Castia, Land Manager
1777 South Harrison Street
Denver, Colorado 80211

J. Walter Duncan, Jr.,
Vincent J. Duncan,
Raymond T. Duncan,
Edward J. Duncan
Co-Trustees of the Raymond T.
Duncan Trust
c/o John V. Castia, Land Manager
1777 South Harrison Street
Denver, Colorado 80211

J. Walter Duncan, Jr.,
Vincent J. Duncan,
Raymond T. Duncan,
Edward J. Duncan
Co-Trustees of the Vincent Joseph
Duncan Trust
c/o John V. Castia, Land Manager
1777 South Harrison Street
Denver, Colorado 80211

Raymond T. Duncan
c/o John V. Castia, Land Manager
1777 South Harrison Street
Denver, Colorado 80211

First Interstate Bank of Utah
Trustee of the Thomas E. Jeremy
Family Trust U/A October 24, 1974
180 South Main Street
Salt Lake City, Utah 84101

Forcenergy Partners, L.P.
2730 SW 3rd Avenue
Miami, Florida 33129

Keldon Oil Company
3005 South Treadway
Abilene, Texas 79602

John B. Milam
P.O. Box 26
Chelsea, Oklahoma 74016

William G. Milam, II
P.O. Box 26
Chelsea, Oklahoma 74016

Pacific Enterprises ABC Corporation
3131 Turtle Creek Boulevard
Dallas, Texas 75219
Attn: Sova Williams

Pennzoil Exploration & Production Co.
Pennzoil Company
P.O. Box 2967
Houston, Texas 77252-2967
Attn: Fritz Rosenberger

R. W. Slemaker
Slemaker Oil Company
P.O. Box 52236
Tulsa, Oklahoma 74152

United States of America, Trustee
for the Ute Distribution Corporation
c/o Parry J. Baker, Superintendent
Fort Duchesne Agency
Uintah & Ouray Reservation
Bureau of Indian Affairs
Fort Duchesne, Utah 84026

United States of America, Trustee
Ute Indian Tribe
c/o Parry J. Baker, Superintendent
Fort Duchesne Agency
Uintah & Ouray Reservation
Bureau of Indian Affairs
Fort Duchesne, Utah 84026

Universal Resources Corporation
79 South State
Salt Lake City, Utah 84111

Ute Distribution Corporation
P.O. Box 696
Roosevelt, Utah 84066
Attn: Corporate President

Ute Indian Tribe
Uintah & Ouray Reservation
P.O. Box 190
Fort Duchesne, Utah 84026

Walter Duncan Oil
c/o John V. Castia, Land Manager
1777 South Harrison Street
Denver Colorado 80211

The Wiser Oil Company
P.O. Box 192
Sisterville, West Virginia 26175

Alan E. Wright
166 North 400 West
Brigham City, Utah 84302

Earl N. Wright, Trustee
Earl N. Wright Family Living Trust
dated December 31, 1991
RFD Box 26
Duchesne, Utah 84021

Kenneth L. Wright
560 North 220 East
Centerville, Utah 84104

Leland Wright, Trustee
The Wright Family Oil Lease Trust
U/A/D March 2, 1994
HC#2, Box 27
Duchesne, Utah 84201

Janean Burns

BEFORE THE BOARD OF OIL AND GAS CONSERVATION
DEPARTMENT OF NATURAL RESOURCES
IN AND FOR THE STATE OF UTAH

ANR Production Company
Docket No. 94-029
Cause No. 139-70
Exhibit No. " 6 "

IN THE MATTER OF THE APPLICATION OF)
SHELL OIL COMPANY FOR AN ORDER EXTENDING)
PRIOR ORDERS OF THE BOARD IN CAUSE NO.)
139, AS EXTENDED AND MODIFIED, TO)
FURTHER DEFINE THE SPACED INTERVAL)
AND TO COVER AND INCLUDE ADDITIONAL)
LANDS IN THE ALTAMONT FIELD, DUCHESNE)
COUNTY, UTAH)

O R D E R
CAUSE NO. 139-8

Pursuant to Notice of Hearing dated September 1, 1972, of the Board of Oil and Gas Conservation, Department of Natural Resources of the State of Utah, this Cause came on for hearing before said Board at 10:00 o'clock a.m. on Wednesday, September 20, 1972, in the State Office Building Auditorium, First Floor - State Office Building, Salt Lake City, Utah. The following Board members were present:

Delbert M. Draper, Jr., Esq., Chairman, Presiding

Charles R. Henderson

Robert R. Norman

Evart J. Jensen

Also present:

Cleon B. Feight, Esq., Director, Division of Oil and Gas Conservation

Paul W. Burchell, Chief Petroleum Engineer, Division of Oil and Gas Conservation

Gerald Daniels, United States Geological Survey, Salt Lake City, Utah

Paul E. Reimann, Assistant Attorney General

Appearances were made as follows:

For Shell Oil Company:

D. F. Gallion, Esq.
Denver, Colorado

Gregory Williams, Esq.
Salt Lake City, Utah

For Chevron Oil Company,
Western Division:

William M. Balkovatz, Esq.
Denver, Colorado

For Ute Distribution Corporation:

George C. Morris, Esq.
Salt Lake City, Utah

NOW, THEREFORE, the Board having considered the testimony adduced, and the exhibits received at said hearing, and being fully advised in the premises, now makes and enters the following:

FINDINGS

1. Due and regular notice of the time, place and purpose of the hearing was given to all interested parties in the form and manner and within the time required by law and the rules and regulations of the Board.

2. The Board has jurisdiction over the matter covered by said Notice and over all parties interested therein and has jurisdiction to make and promulgate the order hereinafter set forth.

3. By Orders entered in Consolidated Causes No. 139-3 and No. 139-4 dated June 24, 1971, and Cause No. 139-5 dated November 17, 1971, the Board established drilling units comprising each governmental section for the production of oil, gas and associated hydrocarbons from the interval described in paragraph No. 7 of said Order in Consolidated Causes No. 139-3 and No. 139-4, common source of supply underlying the lands in the Altamont Area, all as more particularly described in said Consolidated Causes No. 139-3 and No. 139-4, and Cause No. 139-5.

4. Further drilling and development operations and the information and data obtained therefrom, both within and beyond the presently defined boundaries of spaced lands described in said Orders in Consolidated Causes No. 139-3 and No. 139-4, and Cause No. 139-5, subsequent to the dates of said Orders, indicate that the present spaced interval and spaced area as described in said prior Orders should now be further defined and enlarged as follows:

- (a) The spaced interval for the common source of supply underlying lands described in paragraph 4(b) below should be defined as:

The interval from the top of the Lower Green River formation (TGR₃ marker) to the base of the Green River-Wasatch formations (top of Cretaceous), which base is defined as the stratigraphic equivalent of the Dual Induction Log depths of 16,720 feet in the Shell, Ute 1-18B5 well located in the S $\frac{1}{2}$ NE $\frac{1}{4}$ of Section 18, Township 2 South, Range 5 West, U.S.M., and 16,970 feet in the Shell, Brotherson 1-11B4 well located in the S $\frac{1}{2}$ NE $\frac{1}{4}$ of Section 11, Township 2 South, Range 4 West, U.S.M.

- (b) The lands known and believed to be underlain by the common source of supply from which oil, gas and associated hydrocarbons can be produced from the spaced interval of the Green River-Wasatch formations

in Duchesne County, Utah, as hereinabove defined
in paragraph 4(a), include the following described
lands, which include the lands described in said
Consolidated Causes No. 139-3 and No. 139-4, and
Cause No. 139-5, to wit:

Township 1 South, Range 3 West, U.S.M.
Sections 3 through 10: All
Sections 15 through 22: All
Sections 27 through 34: All

Township 1 South, Range 4 West, U.S.M.
Sections 1 through 36: All

Township 1 South, Range 5 West, U.S.M.
Sections 10 through 17: All
Sections 20 through 36: All

Township 1 South, Range 6 West, U.S.M.
Sections 25 and 26: All
Sections 35 and 36: All

Township 2 South, Range 3 West, U.S.M.
Sections 3 through 8: All
Sections 17 through 20: All
Sections 29 through 32: All

Township 2 South, Range 4 West, U.S.M.
Sections 1 through 36: All

Township 2 South, Range 5 West, U.S.M.
Sections 1 through 36: All

Township 2 South, Range 6 West, U.S.M.
Sections 1 through 36: All

Township 2 South, Range 7 West, U.S.M.
Section 36: All

Township 3 South, Range 3 West, U.S.M.
Sections 5 through 8: All
Sections 17 through 20: All
Sections 29 through 32: All

Township 3 South, Range 4 West, U.S.M.
Sections 1 through 36: All

Township 3 South, Range 5 West, U.S.M.
Sections 1 through 36: All

Township 3 South, Range 6 West, U.S.M.
Sections 1 through 6: All
Sections 11 through 14: All
Sections 23 through 26: All
Sections 35 and 36: All

Township 3 South, Range 7 West, U.S.M.
Section 1: All

Township 4 South, Range 3 West, U.S.M.
Sections 5 and 6: All

Township 4 South, Range 4 West, U.S.M.
Sections 1 through 6: All

Township 4 South, Range 5 West, U.S.M.
Sections 1 through 6: All

Township 4 South, Range 6 West, U.S.M.
Sections 1 and 2: All

5. One well on a governmental section consisting of 640 acres, more or less, will efficiently and economically drain the recoverable oil, gas and associated hydrocarbons from the aforesaid common source of supply underlying the lands described in paragraph 4(b) above, and that a governmental section drilling unit is not larger than the maximum area that can be efficiently and economically drained by one well.

6. The Orders entered in Consolidated Causes No. 139-3 and No. 139-4, and Cause No. 139-5 provide that the permitted well for each drilling unit shall be located in the center of the NE $\frac{1}{4}$ of the governmental section comprising such drilling unit with a tolerance of 660 feet in any direction; provided that an exception to said tolerance may be granted without a hearing where a topographical exception is deemed necessary. Such provisions in said prior orders should continue to apply provided further that exceptions to such permitted well location and tolerance allowance should be allowed where needed for wells presently drilling or producing oil, gas and associated hydrocarbons from the common source of supply in the Altamont Area.

7. Any and all Orders of the Board heretofore promulgated concerning the Altamont Area, Duchesne County, Utah, which are inconsistent with the Order hereinafter set forth should be vacated upon the effective date of this Order.

ORDER

IT IS THEREFORE ORDERED:

A. That 640 acre drilling units be and the same are hereby established comprising each governmental section, or governmental lots corresponding thereto, for the development and production of oil, gas and associated hydrocarbons from the interval described in paragraph 4(a) above, underlying the lands described in paragraph 4(b) above.

B. That no more than one well shall be drilled on any such unit for the production of oil, gas and associated hydrocarbons from the common source of supply, and that the permitted well for each drilling unit shall be located

in the center of the NE $\frac{1}{4}$ of the governmental section comprising such unit, with a tolerance of 660 feet in any direction; provided that an exception to said tolerance may be granted administratively without a hearing where a topographical exception is deemed necessary; and provided that exceptions to the permitted well location and tolerance allowance are hereby allowed where needed for all wells presently drilling or producing oil, gas and associated hydrocarbons from the common source of supply in the Altamont Area, and such exception wells shall be the permitted wells for the drilling units on which they are located.

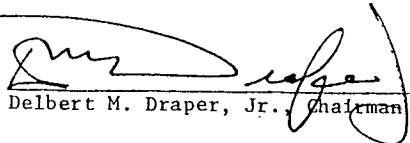
C. That any and all Orders of the Board heretofore promulgated which are inconsistent with this Order are hereby vacated.


D. That this Order is a temporary order and the Board, on its own motion, or any interested party may file an application requesting a hearing to present new evidence covering the matters set forth herein.

E. That the Board retains continuing jurisdiction of all matters covered by this Order and particularly retains continuing jurisdiction to make further orders as appropriate and authorized by statute and applicable regulations.

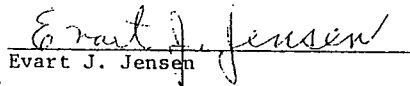
ENTERED AND EFFECTIVE THIS 20th day of September, 1972.

BOARD OF OIL AND GAS CONSERVATION
OF THE STATE OF UTAH


Delbert M. Draper, Jr., Chairman


Charles R. Henderson

Robert R. Norman


Evart J. Jensen

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 12/15/94

API NO. ASSIGNED: 43-013-31484

WELL NAME: UTE 1-15B6
OPERATOR: ANR PRODUCTION CO. (N0675)

PROPOSED LOCATION:

NWSW 15 - T02S - R06W
SURFACE: 1401-FSL-1295-FWL
BOTTOM: 1401-FSL-1295-FWL
DUCHESNE COUNTY
ALTAMONT FIELD (55)

LEASE TYPE: IND
LEASE NUMBER: 14-20-H62-4647

PROPOSED PRODUCING FORMATION: GR-WS

INSPECT LOCATION BY: / /

TECH REVIEW	Initials	Date
Engineering		
Geology		
Surface		

RECEIVED AND/OR REVIEWED:

☒ Plat
☒ Bond: Federal ☒ State ☐ Fee ☐
(Number 4768806)
☒ Potash (Y/N)
☒ Oil shale (Y/N)
☒ Water permit
(Number CITY OF DUCHESNE)
☒ RDCC Review (Y/N)
(Date:)

LOCATION AND SITING:

 R649-2-3. Unit:
 R649-3-2. General.
 R649-3-3. Exception.
☒ Drilling Unit.
Board Cause no: 139-~~70~~
Date: ~~4-12-85~~ 9-20-92

COMMENTS:

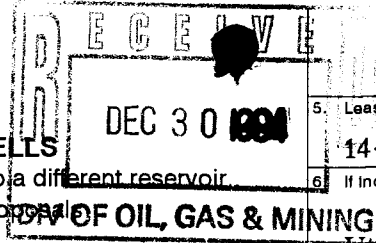
Board Cause No. 139-70 12/19/94, provides
for pooling Sec. 15 T2S R6W.
1/23/95 checked w/ BLM Re: surface use agreement/kmH.

STIPULATIONS:

① A copy of the Surface Owner Agreement
between the operator and the surface owner
specifying the requirements for protection of
surface resources mitigation requirements, and
requirements for reclamation of disturbed
areas, shall be submitted to the Division.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993



SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.

Use "APPLICATION FOR PERMIT" - for such proposals.

5. Lease Designation and Serial No.

14-20-H62-4647

6. If Indian, Allottee or Tribe Name

Ute

7. If Unit or CA, Agreement Designation

N/A

8. Well Name and No.

Ute #1-15B6

9. API Well No.

10. Field and Pool, Or Exploratory Area

Altamont

11. County or Parish, State

Duchesne, Utah

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

ANR Production Company

3. Address and Telephone No.

P. O. Box 749, Denver, CO 80201-0749

(303) 573-4476

4. Location of Well (Footage, Sec., T., R., M., Or Survey Description)

1401' FSL & 1295' FWL

Section 15, T2S-R6W

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent
- ☐ Subsequent Report
- ☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
- ☐ Recompletion
- ☐ Plugging Back
- ☐ Casing Repair
- ☐ Altering Casing
- ☐ Other

- ☐ Change of Plans
- ☐ New Construction
- ☐ Non-Routine Fracturing
- ☐ Water Shut-Off
- ☐ Conversion to Injection
- ☐ Dispose Water

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markets and zones pertinent to this work.)*

Please supplement the Application for Permit to Drill with the following information:

Estimated individual volumes of lead and tail cement for surface casing:

Lead: 500 sx HCL 3% CaCl₂, 12.4 ppg, 1.97 cu.ft/sx

Tail: 580 sx Premium 2% CaCl₂, 15.6 ppg, 1.18 cu.ft/sx

Anticipated mud weights to T.D.: approximately 9.4 ppg

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY**

14. I hereby certify that the foregoing is true and correct

Signed

Bonnie Johnston

Title Environmental Analyst

Date

12/28/94

(This space for Federal or State office use)

APPROVED BY

Title

Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

5. Lease Designation and Serial No.
4-20-H62-4647

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7. If Unit or CA, Agreement Designation
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8. Well Name and No.
Ute #1-15B6

9. API Well No.

10. Field and Pool, Or Exploratory Area
Altamont

11. County or Parish, State
Duchesne, Utah

RECEIVED
DEC 30 1994
DIV OF OIL, GAS & MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT" - for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
ANR Production Company

3. Address and Telephone No.
P. O. Box 749, Denver, CO 80201-0749 (303) 573-4476

4. Location of Well (Footage, Sec., T., R., M., Or Survey Description)
1401' FSL & 1295' FWL
Section 15, T2S-R6W

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Other	<input type="checkbox"/> Dispose Water

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

14. I hereby certify that the foregoing is true and correct

Signed Bonnie Johnston Title Environmental Analyst Date 12/28/94

(This space for Federal or State office use)

APPROVED BY _____ Title _____ Date _____

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

Ted Stewart
Executive Director

James W. Carter
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

January 20, 1995

ANR Production Company
P. O. Box 749
Denver, Colorado 80201-0749

Re: Ute #1-15B6 Well, 1401' FSL, 1295' FWL, NW SW, Sec. 15, T. 2 S., R. 6 W.,
Duchesne County, Utah

Gentlemen:

Pursuant to the order issued by the Board of Oil, Gas and Mining in Cause No. 139-8 dated September 20, 1972, and Utah Admin. R.649-3-4, Permitting of Wells to be Drilled, Deepened or Plugged-Back, approval to drill the referenced well is hereby granted.

In addition, the following specific actions are necessary to fully comply with this approval:

1. A copy of the Surface Owner Agreement between the operator and the surface owner specifying the requirements for protection of surface resources, mitigation requirements, and requirements for reclamation of disturbed areas, shall be submitted to the Division.
2. Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules.
3. Notification to the Division within 24 hours after drilling operations commence.
4. Submittal of Entity Action Form, Form 6, within five working days following commencement of drilling operations and whenever a change in operations or interests necessitates an entity status change.
5. Submittal of the Report of Water Encountered During Drilling, Form 7.

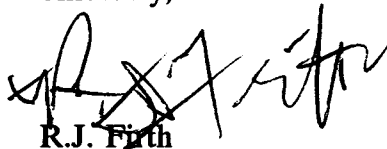


Page 2
ANR Production Company
Ute #1-15B6 Well
January 20, 1995

6. Prompt notification prior to commencing operations, if necessary, to plug and abandon the well. Notify Frank R. Matthews, Petroleum Engineer, (Office) (801)538-5340, (Home) (801)476-8613, or K. Michael Hebertson, Reclamation Specialist, (Home) (801)269-9212.
7. Compliance with the requirements of Utah Admin. R. 649-3-20, Gas Flaring or Venting, if the well is completed for production.

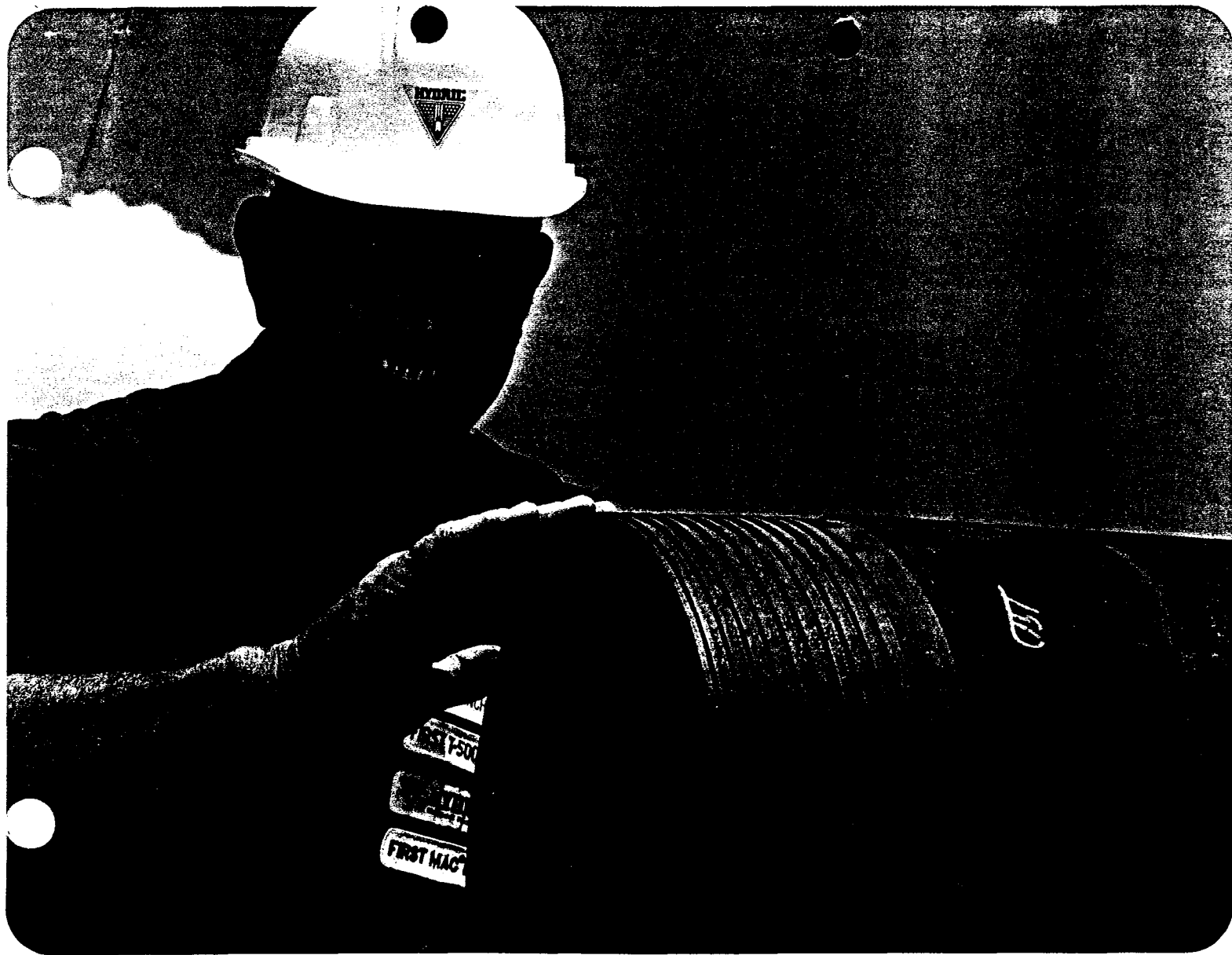
This approval shall expire one year after date of issuance unless substantial and continuous operation is underway or a request for an extension is made prior to the approval expiration date. The API number assigned to this well is 43-013-31484.

Sincerely,



R.J. Firth
Associate Director

ldc
Enclosures
cc: Duchesne County Assessor
Bureau of Land Management, Vernal District Office
WO11



HYDRIL®

Series 500™ Type 521 Casing Connection

Your best choice for horizontal
wells and large diameter pipe

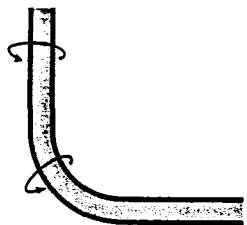
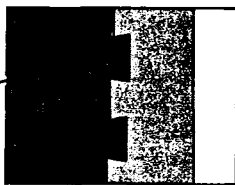
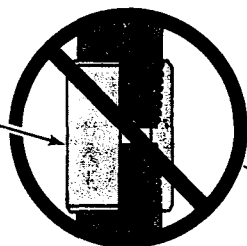
Type 521 FEATURES

Integral design eliminates concerns associated with coupled connections about mill-end leaks, damage during buck-on, and coupling material sourcing and traceability.

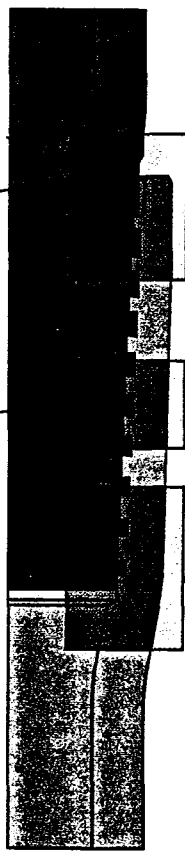
Visual confirmation of make-up is ensured by the circumferential, roller-stenciled, make-up band on the pin.

Excellent for large diameter pipe, the dovetail thread virtually eliminates thread pull-out, a common problem on thin wall pipe. Type 521 offers a unique combination of structural capability and small OD on large diameter pipe. The coarse pitch thread eliminates cross-threading during make-up.

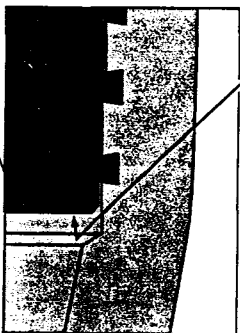
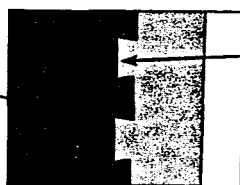
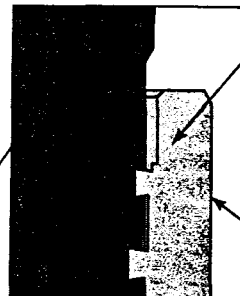
Field-proven in horizontal and extended reach wells, the wedging effect produces outstanding torsional strength for rotation-while-bending capability during wash down and cementing. Loading opposing thread flanks simultaneously prevents excessive rotation and damage from over-torque. Interlocking dovetail Wedge Threads resist the simultaneous tension and compression created by bending.



Pin



Box



Good structural capability is developed by machining this integral connection on Hydril formed ends. Tension and bending strengths range up to 80% of the pipe body with compression strength exceeding tension.

Streamlined OD in the running and circulating direction virtually eliminates down-hole hang-up. There is no coupling face to interfere with smooth running in slim and deviated holes.

Sealing is provided by the full form contact of the dovetail threads and the lubricant. Type 521 is rated at 100% of the pipe body for internal and external hydrostatic pressure. Threads are field repairable.

Broad pin face reduces stabbing damage. Minor damage to the pin face, which does not function as a seal or shoulder, can be field repaired.

U.S. and foreign patents apply.

Series 500 Type 521 is unequalled in its combination of structural capabilities. It offers strengths in torque, bending, tension, and compression, all on a streamline OD for good clearance. Type 521 is available on pipe from 4 inch through 18 $\frac{3}{4}$ inch.

This casing connection excels in structurally demanding applications such as horizontal and extended reach wells. Its capability of rotation-while-bending is unsurpassed. This casing has been run into medium and long radius horizontal and extended reach wells where it has been rotated comfortably during wash-down and cementing. Operators in Canada, Europe, Texas, California, and Southeast Asia have had excellent results.

Type 521 solves two frequent problems on large diameter casing: cross-threading and parting in thin wall pipe, both all too common with conventional tapered casing connections. Type 521's rugged coarse-pitch threads resist cross-threading. The interlocking dovetail threads prevent radial separation.

Type 521 has been run successfully from floaters. It has been used extensively for surface and intermediate strings in the Gulf of Mexico. Other examples include a relief well where Type 521, on 13 $\frac{3}{8}$ inch casing, was set in a 14 $\frac{1}{4}$ inch hole through a deviation of nearly 12 degrees per 100 feet. In the Gulf of Mexico, in record water depth, it was used on 15 inch casing beneath a 16 $\frac{1}{4}$ inch subsea stack. These demonstrate its excellent clearance, tensile strength, and bending capabilities.

At Hydril, extra effort is standard. Phosphate coating provides lubricant retention for galling resistance, and a corrosion inhibiting compound is used for storage. Full form, closed-end thread protectors are standard on all Type 521, Series 500 connections.

Type 521 is Hydril's most economical casing connection, providing outstanding value. For confidence in quality, service, and technology, rely on Hydril.

Type 521 PERFORMANCE DATA

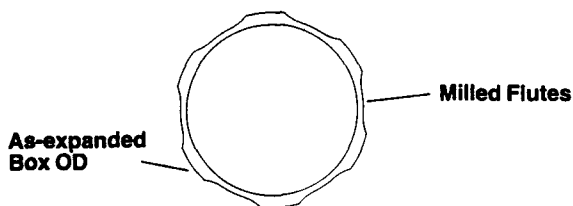


Size OD & Weight (Nominal)	PIPE				CONNECTION					TYPE 521 TENSILE CAPACITY MINIMUM PARTING LOAD (KIPS)						
	Plain End Weight	Wall Thick- ness	ID (Nom.)	Drift (API)	Box OD (Turned)	Pin ID (Bored)	Makeup Loss	Threads per Inch	Critical Section Area	J-55	K-55	L-80	N-80/C-90	T-95	HC-95	P-110
	In.-LBS./Ft.	Lbs.	Inches	Inches	Inches	Inches	Inches		Sq. In.	1000 Lbs.	1000 Lbs.	1000 Lbs.	1000 Lbs.	1000 Lbs.	1000 Lbs.	1000 Lbs.
4.000-9.50	9.11	0.226	3.548	3.423	4.128	3.455	3.62	3.36	1.671	125	159	159	167	175	184	209
4.000-11.00	10.46	0.262	3.476	3.351	4.187	3.401	3.62	3.36	2.057	154	195	195	206	216	226	257
4.000-11.60	11.34	0.286	3.428	3.303	4.225	3.353	3.62	3.36	2.306	173	219	219	231	242	254	288
4.500-10.50	10.23	0.224	4.052	3.927	4.651	3.977	3.62	3.36	1.857	139	176	176	186	195	204	232
4.500-11.00	10.79	0.237	4.026	3.901	4.673	3.951	3.62	3.36	2.014	151	191	191	201	211	221	252
4.500-11.60	11.35	0.250	4.000	3.875	4.695	3.925	3.62	3.36	2.178	163	207	207	218	229	240	272
4.500-12.75	12.24	0.271	3.958	3.833	4.729	3.883	3.62	3.36	2.429	182	231	231	243	255	267	304
4.500-13.50	13.04	0.290	3.920	3.795	4.759	3.845	3.62	3.36	2.654	199	252	252	265	279	292	332
5.000-13.00	12.83	0.253	4.494	4.369	5.185	4.419	3.62	3.36	2.471	185	235	235	247	259	272	309
5.000-15.00	14.87	0.296	4.408	4.283	5.255	4.333	3.62	3.36	3.054	229	290	290	305	321	336	382
5.000-18.00	17.93	0.362	4.276	4.151	5.359	4.201	3.62	3.36	3.932	295	374	374	393	413	433	491
5.500-14.00	13.70	0.244	5.012	4.887	5.660	4.937	3.62	3.36	2.597	195	247	247	260	273	286	325
5.500-15.50	15.35	0.275	4.950	4.825	5.713	4.875	3.62	3.36	3.067	230	291	291	307	322	337	383
5.500-17.00	16.87	0.304	4.892	4.767	5.761	4.817	3.62	3.36	3.498	262	332	332	350	367	385	437
5.500-20.00	19.81	0.361	4.778	4.653	5.852	4.703	3.62	3.36	4.345	326	413	413	434	456	478	543
5.500-23.00	22.54	0.415	4.670	4.545	5.936	4.595	3.62	3.36	5.114	384	486	486	511	537	563	639
6.625-20.00	19.49	0.288	6.049	5.924	6.818	5.974	3.70	3.28	3.792	284	360	360	379	398	417	474
6.625-24.00	23.58	0.352	5.921	5.796	6.925	5.846	3.70	3.28	4.960	372	471	471	496	521	546	620
6.625-28.00	27.65	0.417	5.791	5.666	7.029	5.716	3.70	3.28	6.116	459	581	581	612	642	673	764
6.625-32.00	31.20	0.475	5.675	5.550	7.120	5.600	3.70	3.28	7.134	535	678	678	713	749	785	892
7.000-20.00	19.55	0.272	6.456	6.331	7.149	6.381	3.70	3.28	3.668	275	348	348	367	385	403	458
7.000-23.00	22.63	0.317	6.366	6.250	7.226	6.291	3.70	3.28	4.546	341	432	432	455	477	500	568
7.000-26.00	25.66	0.362	6.276	6.151	7.301	6.201	3.70	3.28	5.412	406	514	514	541	568	595	676
7.000-29.00	28.72	0.408	6.184	6.059	7.376	6.109	3.70	3.28	6.287	471	597	597	629	660	692	786
7.000-32.00	31.68	0.453	6.094	6.000	7.448	6.050	3.70	3.28	7.124	534	677	677	712	748	784	891
7.000-35.00	34.58	0.498	6.004	5.879	7.517	5.929	3.70	3.28	7.959	597	756	756	796	836	876	995
7.000-38.00	37.26	0.540	5.920	5.795	7.581	5.845	3.70	3.28	8.720	654	828	828	872	916	959	1090
7.625-26.40	25.56	0.328	6.969	6.844	7.868	6.894	3.70	3.28	5.130	385	487	487	513	539	564	641
7.625-29.70	29.04	0.375	6.875	6.750	7.947	6.800	3.70	3.28	6.122	459	582	582	612	643	673	765
7.625-33.70	33.04	0.430	6.765	6.640	8.037	6.690	3.70	3.28	7.262	545	690	690	726	763	799	908
7.625-39.00	38.05	0.500	6.625	6.500	8.148	6.550	3.70	3.28	8.693	652	826	826	869	913	956	1087
8.625-32.00	31.10	0.352	7.921	7.875	8.889	7.921	3.70	3.28	6.282	471	597	597	628	660	691	785
8.625-36.00	35.14	0.400	7.825	7.700	8.970	7.750	3.70	3.28	7.432	557	706	706	743	780	817	929
8.625-40.00	39.29	0.450	7.725	7.625	9.053	7.671	3.70	3.28	8.621	647	819	819	862	905	948	1078
8.625-44.00	43.39	0.500	7.625	7.500	9.134	7.550	3.70	3.28	9.778	733	929	929	978	1027	1076	1222
8.625-49.00	48.00	0.557	7.511	7.386	9.225	7.436	3.70	3.28	11.104	833	1055	1055	1110	1166	1221	1388
9.625-36.00	34.96	0.352	8.921	8.765	9.883	8.846	3.70	3.28	6.895	517	655	655	689	724	758	862
9.625-40.00	38.94	0.395	8.835	8.750	9.957	8.796	3.70	3.28	8.050	604	765	765	805	845	886	1006
9.625-43.50	42.70	0.435	8.755	8.599	10.025	8.680	3.70	3.28	9.121	684	867	867	912	958	1003	1140
9.625-47.00	46.14	0.472	8.681	8.525	10.087	8.606	3.70	3.28	10.106	758	960	960	1011	1061	1112	1263
9.625-53.50	52.85	0.545	8.535	8.500	10.206	8.535	3.70	3.28	12.014	901	1141	1141	1201	1261	1322	1502
10.750-40.50	38.88	0.350	10.050	9.894	10.863	9.975	4.14	2.94	7.267	545	690	690	727	763	799	908
10.750-45.50	44.22	0.400	9.950	9.875	10.950	9.922	4.14	2.94	8.703	653	827	827	870	914	957	1088
10.750-51.00	49.50	0.450	9.850	9.694	11.037	9.775	4.14	2.94	10.300	772	978	978	1030	1081	1133	1287
10.750-55.50	54.21	0.495	9.760	9.625	11.010	9.685	4.97	2.65	11.505	863	1093	1093	1150	1208	1265	1438
10.750-60.70	59.40	0.545	9.660	9.504	11.094	9.585	4.97	2.65	12.979	973	1233	1233	1298	1363	1428	1622
10.750-65.70	64.53	0.595	9.560	9.500	11.177	9.547	4.97	2.65	14.410	1081	1369	1369	1441	1513	1585	1801
11.750-47.00	45.56	0.375	11.000	10.844	11.892	10.925	4.14	2.94	8.636	648	820	820	864	907	950	1079
11.750-54.00	52.57	0.435	10.880	10.724	11.998	10.805	4.14	2.94	10.626	797	1009	1009	1063	1116	1169	1328
11.750-60.00	58.81	0.489	10.772	10.625	11.928	10.687	4.97	2.65	12.261	920	1165	1165	1226	1287	1349	1533
11.750-65.00	63.97	0.534	10.682	10.625	11.965	10.672	4.97	2.65	13.260	994	1260	1260	1326	1392	1459	1657
11.750-71.00	69.42	0.582	10.586	10.430	12.125	10.501	4.97	2.65	15.281	1146	1452	1452	1528	1605	1681	1910
11.750-75.00	73.47	0.618	10.514	10.358	12.185	10.429	4.97	2.65	16.433	1232	1561	1561	1643	1725	1808	2054
11.750-79.00	77.73	0.656	10.438	10.282	12.248	10.353	4.97	2.65	17.647	1324	1676	1676	1765	1853	1941	2206
11.875-71.80	70.19	0.582	10.711	10.625	12.270	10.672	4.97	2.65	15.418	1156	1465	1465	1542	1619	1696	1927
13.375-54.50	52.74	0.380	12.615	12.459	13.518	12.540	4.65	2.61	9.243	693	878	878	924	970	1017	1155
13.375-61.00	59.45	0.430	12.515	12.359	13.607	12.440	4.65	2.61	11.142	836	1058	1058	1114	1170	1226	1393
13.375-68.00	66.10	0.480	12.415	12.259	13.694	12.340	4.65	2.61	13.053	979	1240	1240	1305	1371	1436	1632
13.375-72.00	70.60	0.514	12.347	12.250	13.753	12.317	4.65	2.61	14.335	1075	1362	1362	1433	1505	1577	1792
13.375-77.00	75.33	0.550	12.275	12.119	13.673	12.200	5.60	2.35	15.366	1152	1460	1460	1537	1613	1690	1921
13.375-80.70	79.26	0.580	12.215	12.059	13.725	12.140	5.60	2.35	16.471	1235	1565	1565	1647	1729	1812	2059
13.375-85.00	82.90	0.608	12.159	12.003	13.773	12.084	5.60	2.35	17.516	1314	1664	1664	1752	1839	1927	2190
13.375-86.00	85.11	0.625	12.125	11.969	13.801	12.050	5.60	2.35	18.137	1360	1723	1723	1814	1904	1995	2267
13.625-88.20	86.78	0.625	12.375	12.250	14.025	12.300	5.60	2.35	18.458	1384	1754	1754	1846	1938	2030	2307
15.000-77.43	77.43	0.500	14.000	13.812	15.149	13.875	4.65	2.61	15.034	1128	1428	1428	1503	1579	1654	1879
16.000-75.00	72.80	0.438	15.124	14.936	16.155	15.049	4.65	2.61	13.165	987	1251	1251	1316	1382	1448	1646
16.000-84.00	81.97	0.495	15.010	14.822	16.257	14.935	4.65	2.61	15.770	1183	1498	1498	1577	1656	1735	1971
16.000-84.80	82.77	0.500	15.000	14.812	16.266	14.925	4.65	2.61	15.998	1200	1520	1520	1600	1680	1760	2000
16.000-109.00	107.50	0.656	14.688	14.500	16.465	14.613	5.60	2.35	22.604	1695	2147	2147	2260	2373	2486	2825</

Type 521 EFFICIENCY and TORQUE VALUES

PIPE		CONNECTION								PIPE		CONNECTION							
Size OD & Weight (Nominal)	Wall Thickness	Efficiency		Minimum Makeup Torque	Yield Torques (Max Torque)					Size OD & Weight (Nominal)	Wall Thickness	Efficiency		Minimum Makeup Torque	Yield Torques (Max Torque)				
		Bending & Tension	Comp-ression		J-55/ K-55	N-80/ L-80	T-95/ HC-95	P-110				Bending & Tension	Comp-ression		J-55/ K-55	N-80/ L-80	T-95/ HC-95	P-110	
In-Lbs/Ft	Inch	%	%	Ft-Lbs	Ft-Lbs	Ft-Lbs	Ft-Lbs	Ft-Lbs		In-Lbs/Ft	Inch	%	%	Ft-Lbs	Ft-Lbs	Ft-Lbs	Ft-Lbs	Ft-Lbs	
4.000	9.50	0.226	62.4	83.2	2600	8500	12400	14700	17000	9.625	43.50	0.435	72.6	85.7	11700	60000	88000	104000	121000
4.000	11.00	0.262	66.9	85.0	3100	8500	12400	14700	17000	9.625	47.00	0.472	74.5	86.6	12800	60000	88000	104000	121000
4.000	11.60	0.286	69.1	85.9	3400	8500	12400	14700	17000	9.625	53.50	0.545	77.3	87.8	14900	60000	88000	104000	121000
4.500	10.50	0.224	61.7	83.0	3100	11000	16000	19000	22000	10.750	40.50	0.350	63.5	77.6	10000	85000	124000	147000	170000
4.500	11.00	0.237	63.5	83.6	3300	11000	16000	19000	22000	10.750	45.50	0.400	66.9	78.5	11800	85000	124000	147000	170000
4.500	11.60	0.250	65.2	84.4	3600	11000	16000	19000	22000	10.750	51.00	0.450	70.7	81.7	13600	85000	124000	147000	170000
4.500	12.60	0.271	67.5	85.2	3900	11000	16000	19000	22000	10.750	55.50	0.495	72.1	84.1	17700	102000	148000	176000	204000
4.500	13.50	0.290	69.2	85.9	4200	11000	16000	19000	22000	10.750	60.70	0.545	74.3	85.2	19900	102000	148000	176000	204000
										10.750	65.70	0.595	75.9	84.9	22100	102000	148000	176000	204000
5.000	13.00	0.253	65.5	84.4	4100	13600	19700	23500	27200	11.750	47.00	0.375	64.4	77.9	11400	102000	149000	176000	204000
5.000	15.00	0.296	69.8	86.1	4900	13600	19700	23500	27200	11.750	54.00	0.435	68.7	80.4	13600	102000	149000	176000	204000
5.000	18.00	0.362	74.5	88.1	6100	13600	19700	23500	27200	11.750	60.00	0.489	70.9	82.1	17900	122000	178000	211000	244000
										11.750	65.00	0.534	70.5	80.4	19600	122000	178000	211000	244000
5.500	14.00	0.244	64.5	84.0	4000	16500	24000	28500	33000	11.750	71.00	0.582	74.8	84.4	22400	122000	178000	211000	244000
5.500	15.50	0.275	67.9	85.4	4600	16500	24000	28500	33000	11.750	74.60	0.618	76.0	85.1	24000	122000	178000	211000	244000
5.500	17.00	0.304	70.5	86.4	5200	16500	24000	28500	33000	11.750	78.80	0.656	77.2	85.7	25700	122000	178000	211000	244000
5.500	20.00	0.361	74.6	88.0	6300	16500	24000	28500	33000										
5.500	23.00	0.415	77.1	89.0	7300	16500	24000	28500	33000	11.875	71.80	0.582	74.7	85.4	22600	125000	182000	216000	250000
										13.375	54.50	0.380	59.6	79.8	15200	159000	231000	275000	318000
6.625	20.00	0.288	66.1	85.6	5500	28000	41000	49000	57000	13.375	61.00	0.430	63.7	81.6	17600	159000	231000	275000	318000
6.625	24.00	0.352	71.5	87.6	6900	28000	41000	49000	57000	13.375	68.00	0.480	67.1	83.2	20100	159000	231000	275000	318000
6.625	28.00	0.417	75.2	88.9	8300	28000	41000	49000	57000	13.375	72.00	0.514	69.0	84.1	21800	159000	231000	275000	318000
6.625	32.00	0.475	77.7	89.9	9600	28000	41000	49000	57000	13.375	77.00	0.550	69.3	85.3	27700	196000	285000	339000	392000
										13.375	80.70	0.580	70.6	85.8	29500	196000	285000	339000	392000
7.000	20.00	0.272	63.8	84.3	5200	32000	46000	54000	63000	13.375	85.00	0.608	71.8	86.4	31200	196000	285000	339000	392000
7.000	23.00	0.317	68.3	86.0	6200	32000	46000	54000	63000	13.375	86.00	0.625	72.4	86.6	32200	196000	285000	339000	392000
7.000	26.00	0.362	71.7	87.3	7200	32000	46000	54000	63000	13.625	88.20	0.625	72.3	86.5	32400	204000	296000	352000	408000
7.000	29.00	0.408	74.4	88.4	8300	32000	46000	54000	63000										
7.000	32.00	0.453	76.5	89.1	9300	32000	46000	54000	63000	15.000	77.43	0.500	66.0	77.7	21900	196000	285000	339000	392000
7.000	35.00	0.498	78.2	89.8	10300	32000	46000	54000	63000	16.000	75.00	0.438	61.5	79.0	20100	228000	331000	393000	456000
7.000	38.00	0.540	79.6	90.3	11200	32000	46000	54000	63000	16.000	84.00	0.495	65.4	81.0	23300	228000	331000	393000	456000
										16.000	84.80	0.500	65.7	81.1	23600	228000	331000	393000	456000
7.625	26.40	0.328	68.2	85.4	7200	38000	55000	65000	75000	16.000	109.00	0.656	71.5	85.0	39500	285000	414000	492000	570000
7.625	29.70	0.375	71.7	86.8	8400	38000	55000	65000	75000	16.000	118.00	0.715	73.5	86.0	43600	285000	414000	492000	570000
7.625	33.70	0.430	74.7	88.0	9800	38000	55000	65000	75000	18.625	87.50	0.435	58.1	75.9	26100	310000	452000	536000	621000
7.625	39.00	0.500	77.7	89.2	11600	38000	55000	65000	75000	18.625	94.50	0.460	60.1	76.9	27400	310000	452000	536000	621000
										18.625	97.70	0.486	62.1	78.0	29200	310000	452000	536000	621000
8.625	32.00	0.352	68.7	83.4	8600	48000	70000	83000	96000	18.625	109.35	0.563	65.2	80.9	44500	386000	561000	666000	772000
8.625	36.00	0.400	71.9	86.1	10200	48000	70000	83000	96000	18.625	112.00	0.579	66.1	81.3	46000	386000	561000	666000	772000
8.625	40.00	0.450	74.6	87.3	11600	48000	70000	83000	96000										
8.625	44.00	0.500	76.6	88.1	13000	48000	70000	83000	96000										
8.625	49.00	0.557	78.7	89.0	14600	48000	70000	83000	96000										
9.625	36.00	0.352	67.2	83.3	9200	60000	88000	104000	121000										
9.625	40.00	0.395	64.9	84.6	10500	60000	88000	104000	121000										

Many factors influence torque application. To ensure that minimum torque is attained, a field target torque 15% over minimum is recommended. An appropriate safety factor should be applied to these yield torque values.



Type 521 is available with an optional fluted box OD. Rather than turning the OD as is done on the standard product, the as-expanded box has several flutes milled around the circumference of the box. These flutes promote flow around the entire circumference of the connection during circulation to enhance cement placement. They also provide a modest degree of pipe centralization with no reduction in performance. The maximum OD of Type 521-FB is about 1/8 inch larger than the turned OD of the standard product.

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STATE OF UTAH

Operator: ANR PRODUCTION CO	Well Name: UTE 1-15B6
Project ID: 43-013-31484	Location: SEC. 15 - T02S - 06W

Design Parameters:

Mud weight (8.33 ppg) : 0.433 psi/ft
 Shut in surface pressure : 2646 psi
 Internal gradient (burst) : 0.065 psi/ft
 Annular gradient (burst) : 0.000 psi/ft
 Tensile load is determined using buoyed weight
 Service rating is "Sweet"

Design Factors:

Collapse : 1.125
 Burst : 1.00
 8 Round : 1.80 (J)
 Buttress : 1.60 (J)
 Other : 1.50 (J)
 Body Yield : 1.50 (B)

Length (feet)		Size (in.)	Weight (lb/ft)	Grade	Joint	Depth (feet)	Drift (in.)	Cost	
1	7,200	9.625	40.00	S-95	Buttress	7,200	8.750		
	Collapse Load (psi)	Strgth (psi)	S.F.	Burst Load (psi)	Min Int Strgth (psi)	Yield S.F.	Tension Load (kips)	Strgth (kips)	S.F.
1	3116	4230	1.358	3116	6820	2.19	251.32	1106	4.40 J

Prepared by : FRM, Salt Lake City, UT
 Date : 01-20-1995
 Remarks :

2 LINERS, 5 AND 7

Minimum segment length for the 7,200 foot well is 1,000 feet.

SICP is based on the ideal gas law, a gas gravity of 0.69, and a mean gas temperature of 110°F (Surface 74°F , BHT 146°F & temp. gradient 1.000°/100 ft.)

The mud gradient and bottom hole pressures (for burst) are 0.433 psi/ft and 3,116 psi, respectively.

NOTE: The design factors used in this casing string design are as shown above. As a general guide-line, Lone Star Steel recommends using minimum design factors of 1.125 - Collapse (with evacuated casing), 1.0 - Burst, 1.8 - 8 Round Tension, 1.6 - Buttress Tension, and 1.5 - Body Yield. Collapse strength under axial tension was calculated based on the Westcott, Dunlop and Kemler curve. Engineering responsibility for use of this design will be that of the purchaser. Costs for this design are based on a 1987 pricing model. (Version 1.06)

STATE OF UTAH

Operator: ANR PRODUCTION CO	Well Name: UTE 1-15B6
Project ID: 43-013-31484	Location: SEC. 15 - T02S - R06W

Design Parameters:

Mud weight (10.00 ppg) : 0.519 psi/ft
 Shut in surface pressure : 4487 psi
 Internal gradient (burst) : 0.112 psi/ft
 Annular gradient (burst) : 0.000 psi/ft
 Tensile load is determined using buoyed weight
 Service rating is "Sweet"

Design Factors:

Collapse : 1.125
 Burst : 1.00
 8 Round : 1.80 (J)
 Buttress : 1.60 (J)
 Other : 1.50 (J)
 Body Yield : 1.50 (B)

Length (feet)		Size (in.)	Weight (lb/ft)	Grade	Joint	Depth (feet)	Drift (in.)	Cost	
1	4,100	7.000	26.00	S-95	LT&C	11,000	6.151		
	Load (psi)	Collapse Strgth (psi)	S.F.	Burst Load (psi)	Min Int Strgth (psi)	Yield S.F.	Tension Load (kips)	Strgth (kips)	S.F.
1	5714	7800	1.365	5714	8600	1.50	90.30	602	6.67 J

Prepared by : FRM, Salt Lake City, UT
 Date : 01-20-1995
 Remarks :

2 LINERS 5 AND 7

Minimum segment length for the 11,000 foot well is 1,000 feet.

SICP is based on the ideal gas law, a gas gravity of 0.69, and a mean gas
 temperature of 129°F (Surface 74°F , BHT 184°F & temp. gradient 1.000°/100 ft.)

The liner string design has a specified top of 6,900 feet.

The burst load shown is the pressure at the bottom of the segment.

The mud gradient and bottom hole pressures (for burst) are 0.519 psi/ft and
 5,714 psi, respectively.

NOTE: The design factors used in this casing string design are as shown above. As a general guide-
 line, Lone Star Steel recommends using minimum design factors of 1.125 - Collapse (with
 evacuated casing), 1.0 - Burst, 1.8 - 8 Round Tension, 1.6 - Buttress Tension, and 1.5 - Body
 Yield. Collapse strength under axial tension was calculated based on the Westcott, Dunlop and
 Kemler curve. Engineering responsibility for use of this design will be that of the purchaser.
 Costs for this design are based on a 1987 pricing model. (Version 1.06)

STATE OF UTAH

Operator: ANR PRODUCTION CO	Well Name: UTE 1-15B6
Project ID: 43-013-31484	Location: SEC. 15 - T02S - R06W

Design Parameters:

Mud weight (14.00 ppg) : 0.727 psi/ft
 Shut in surface pressure : 7738 psi
 Internal gradient (burst) : 0.194 psi/ft
 Annular gradient (burst) : 0.000 psi/ft
 Tensile load is determined using buoyed weight
 Service rating is "Sweet"

Design Factors:

Collapse : 1.125
 Burst : 1.00
 8 Round : 1.80 (J)
 Buttress : 1.60 (J)
 Other : 1.50 (J)
 Body Yield : 1.50 (B)

Length (feet)		Size (in.)	Weight (lb/ft)	Grade	Joint	Depth (feet)	Drift (in.)	Cost
1	3,800	5.000	18.00	S-95	MAC/LX	14,500	4.151	
	Collapse Load Strgth S.F. (psi) (psi)			Burst Load (psi)	Min Int Yield Strgth S.F. (psi)	Tension Load Strgth S.F. (kips) (kips)		
1	10545	11880	1.127	10545	12040	1.14	53.76	409 7.61 J

Prepared by : FRM, Salt Lake City, UT
 Date : 01-20-1995
 Remarks :

2 LINERS 5 AND 7

Minimum segment length for the 14,500 foot well is 1,000 feet.

SICP is based on the ideal gas law, a gas gravity of 0.69, and a mean gas
 temperature of 147°F (Surface 74°F, BHT 219°F & temp. gradient 1.000°/100 ft.)

The liner string design has a specified top of 10,700 feet.

The burst load shown is the pressure at the bottom of the segment.

The mud gradient and bottom hole pressures (for burst) are 0.727 psi/ft and
 10,545 psi, respectively.

NOTE: The design factors used in this casing string design are as shown above. As a general guide-
 line, Lone Star Steel recommends using minimum design factors of 1.125 - Collapse (with
 evacuated casing), 1.0 - Burst, 1.8 - 8 Round Tension, 1.6 - Buttress Tension, and 1.5 - Body
 Yield. Collapse strength under axial tension was calculated based on the Westcott, Dunlop and
 Kemler curve. Engineering responsibility for use of this design will be that of the purchaser.
 Costs for this design are based on a 1987 pricing model. (Version 1.06)

AAR Production Company

UTE #1-1566

NW/SW SEC 15; T2S; R6W

U3-013-31484

Draw

Line heater
not in use.

Duchesne
River

4-400 BARREL
Temp. tanks - no Berm

Hill

Rotaflex
ROD UNIT

Light
PLANT

WELLHEAD

North

Entrance

9/25/95

Uenna by me

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT TO THE STATE
(Other instructions on
reverse side)

Form approved.
Budget Bureau No. 1004-0136
Expires August 31, 1985

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

b. TYPE OF WELL

OIL WELL ☒

GAS WELL ☐

OTHER

SINGLE ZONE ☒

MULTIPLE ZONE ☐

2. NAME OF OPERATOR

ANR Production Company

3. ADDRESS OF OPERATOR

P.O. Box 749, Denver, CO 80201-0749 (303) 573-4476

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At surface

1401' FSL & 1295' FWL

At proposed prod. zone

Same as above

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

Approximately 17 miles NW of Duchesne, Utah

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

1295'

16. NO. OF ACRES IN LEASE

200

17. NO. OF ACRES ASSIGNED
TO THIS WELL

640

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

none

19. PROPOSED DEPTH

14,500'

20. ROTARY OR CABLE TOOLS

rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

6449' GR

22. APPROX. DATE WORK WILL START*

Upon approval

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13-3/8"	54.5# ST&C	0 -1200'	1220 sx to surface
12-1/4"	9-5/8"	40# BT&C	0 -7200'	1160 sx cmtd to 5,000'
8-3/4"	7"	26# LT&C	6900'-11,000'	700 sx cmtd to 6900'
8-3/4"	5"	18# LT&C	10,700'-14,500'	350 sx

ANR production Company proposes to drill a well to a proposed T.D. of 14,500' to test the Wasatch formation. If productive, casing will be run and the well completed. If dry, the well will be plugged and abandoned, as per BLM, BIA, and State of Utah requirements.

See Onshore Order No. 1, attached.

Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by ANR Production Company under their Nationwide Bond #U768806.

ANR Production Company is considered to be the Operator of the above described well. ANR agrees to be responsible under the terms and conditions of the lease for the operations conducted upon the leased lands.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

Bonnie Johnston

TITLE Environmental Analyst

DATE

12/13/94

(This space for Federal or State office use)

PERMIT NO.

43-013-31484

APPROVAL DATE

ASSISTANT DISTRICT
MANAGER MINERALS

DATE

JAN 20 1995

APPROVED BY
CONDITIONS OF APPROVAL, IF ANY:

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED
TO OPERATOR'S COPY

44080-5M-061

*See Instructions On Reverse Side

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL

Company/Operator: ANR Production Company

Well Name & Number: Ute Tribal 1-15B6

API Number: 43-013-31484

Lease Number: 14-20-H62-4647

Location: NWSW Sec. 15 T. 2S R. 6W

NOTIFICATION REQUIREMENTS

- | | | |
|---------------------------------|---|---|
| Location Construction | - | at least forty-eight (48) hours prior to construction of location and access roads. |
| Location Completion | - | prior to moving on the drilling rig. |
| Spud Notice | - | at least twenty-four (24) hours prior to spudding the well. |
| Casing String and Cementing | - | at least twenty-four (24) hours prior to running casing and cementing all casing strings. |
| BOP and Related Equipment Tests | - | at least twenty-four (24) hours prior to initiating pressure tests. |
| First Production Notice | - | within five (5) business days after new well begins, or production resumes after well has been off production for more than ninety (90) days. |

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Orders, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

If this well is completed with production capable of communitized paying quantities a Communitized Agreement (CA) will need to be formed.

A. DRILLING PROGRAM

1. Estimated Depth at Which Oil, Gas, Water, or Other Mineral Bearing Zones are Expected to be Encountered

Report ALL water shows and water-bearing sands to Tim Ingwell of this office. Copies of State of Utah form OGC-8-X are acceptable. If noticeable water flows are detected, submit samples to this office along with any water analyses conducted.

All usable water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

2. Pressure Control Equipment

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for a 5M, triple ram, system for equipment and testing requirements, procedures, etc., and individual components shall be operable as designed. In addition to the aforementioned BOP system, a minimum of a 2M BOP system shall be installed prior to drilling out the 13 3/8 in. conductor and shall remain in use until the surface casing is set. The 2M system shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for a 2M system. Chart recorders shall be used for all pressure tests.

Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to a BLM representative upon request.

If an air compressor is on location and is being utilized to provide air for the drilling medium while drilling, the special drilling requirements in Onshore Oil and Gas Order No. 2, regarding air or gas drilling shall be adhered to. If a mist system is being utilized then the requirement for a deduster shall be waived.

The Vernal District Office shall be notified, at least 24 hours prior to initiating the pressure tests, in order to have a BLM representative on location during pressure testing.

3. Casing Program and Auxiliary Equipment

Surface casing shall have centralizers on the bottom three joints, with a minimum of one centralizer per joint.

The surface casing **shall** be cemented back to surface either during the primary cement job or by remedial cementing.

In addition, to the cementing proposal for the surface casing, a minimum of 200 ft. of Class G neat cement shall be placed from 200 ft. to surface in the 13 3/8 in. X 17 1/2 in. annulus.

As a minimum, the usable water and oil shale resources shall be isolated and/or protected by having a cement top for the production casing at least 200' above the base of the Usable Water zone identified at $\pm 3564'$. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

The Vernal District Office shall be notified at least 24 hours prior to the running and cementing of all casing strings, in order to have a BLM representative on location while running and cementing all casing strings.

4. Mud Program and Circulating Medium

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

No chromate additives will be used in the mud system on Federal and Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

5. Coring, Logging and Testing Program

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

All Drill Stem tests (DST) shall be accomplished during daylight hours, unless specific approval to start during other hours is obtained from the AO. However, DSTs may be allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized and if adequate lighting is available (i.e., lighting which is adequate for visibility and vaporproof for safe operations). Packers can be released, but tripping should not begin before daylight unless prior approval is obtained from the AO.

A cement bond log (CBL) will be run from the production casing shoe to $\pm 3364'$ and shall be utilized to determine the top of cement (TOC) and bond quality for production casing. Submit a field copy of the CBL to this office.

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the AO.

6. Notifications of Operations

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.

The Vernal District Office shall be notified, during regular work hours (7:45 a.m.-4:30 p.m., Monday through Friday except holidays), at least 24 hours prior to spudding the well.

Operator shall report production data to MMS pursuant to 30 CFR 216.5 using form MMS/3160.

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.

The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and, for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which gas is first measured through permanent metering facilities, whichever first occurs.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication, not later than five (5) days following the date on which the well is placed on production.

Gas produced from this well may not be vented or flared beyond an initial authorized test period of 30 days or 50 MMCF following its completion, whichever occurs first, without the prior written approval of the Authorized Officer. Should gas be vented or flared without approval beyond the authorized test period, the operator may be directed to shut-in the well until the gas can be captured or approval to continue venting or flaring as uneconomic is granted and the operator shall be required to compensate the lessor for that portion of the gas vented or flared without approval which is determined to have been avoidably lost.

A schematic facilities diagram as required by 43 CFR 3162.7-5 (b.9. d.), and shall be submitted to the appropriate District Office within sixty (60) days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-5 (b. 4).

No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within thirty (30) days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

7. Other Information

All loading lines will be placed inside the berm surrounding the tank battery.

All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the AO.

Gas meter runs for each well will be located within 500 feet of the wellhead. The gas flowline will be buried or anchored down from the wellhead to the meter and within 500 feet downstream of the meter run or any production facilities. Meter runs will be housed and/or fenced.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted monthly for the first three months on new meter installations and at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office. All meter measurement facilities will conform with Onshore Oil & Gas Order No. 4 for liquid hydrocarbons and Onshore Oil & Gas Order No. 5 for natural gas measurement.

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

There will be no deviation from the proposed drilling and/or workover program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Section 102(b)(3) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 CFR 3162.4-1(c), requires that "not later than the 5th business day after any well begins production on which royalty is due anywhere on a lease site or allocated to a lease site, or resumes production in the case of a well which has been off production for more than 90 days, the operator shall notify the authorized officer by letter or sundry notice, Form 3160-5, or orally to be followed by a letter or sundry notice, of the date on which such production has begun or resumed."

If you fail to comply with this requirement in the manner and time allowed, you shall be liable for a civil penalty of up to \$10,000 per violation for each day such violation continues, not to exceed a maximum of 20 days. See Section 109(c)(3) of the Federal Oil and Gas Royalty Management Act of 1982 and the implementing regulations at Title 43 CFR 3162.4-1(b)(5)(ii).

APD approval is valid for a period of one (1) year from the signature date. An extension period may be granted, if requested, prior to the expiration of the original approval period.

In the event after-hours approvals are necessary, please contact one of the following individuals:

Ed Forsman (801) 781-7077
Petroleum Engineer

Wayne Bankert (801) 789-4170
Petroleum Engineer

BLM FAX Machine (801) 781-4410

EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

While the following wastes are nonexempt, they are not necessarily hazardous.

- Unused fracturing fluids or acids
- Gas plant cooling tower cleaning wastes
- Painting wastes
- Oil and gas service company wastes, such as empty drums, drum rinsate, vacuum truck rinsate, sandblast media, painting wastes, spent solvents, spilled chemicals, and waste acids
- Vacuum truck and drum rinsate from trucks and drums, transporting or containing nonexempt waste
- Refinery wastes
- Liquid and solid wastes generated by crude oil and tank bottom reclaimers
- Used equipment lubrication oils
- Waste compressor oil, filters, and blowdown
- Used hydraulic fluids
- Waste solvents
- Waste in transportation pipeline-related pits
- Caustic or acid cleaners
- Boiler cleaning wastes
- Boiler refractory bricks
- Incinerator ash
- Laboratory wastes
- Sanitary wastes
- Pesticide wastes
- Radioactive tracer wastes
- Drums, insulation and miscellaneous solids.

SURFACE USE PLAN OF OPERATION
Conditions of Approval (COAs)

1. All vehicular traffic, personnel movement, construction and restoration operations should be confined to the areas examined, as referenced in the archaeological report for this location, and to the existing roadways and/or evaluated access routes.
2. All personnel should refrain from collecting artifacts and from disturbing any significant cultural/paleontological resources in the area.
3. The personnel from the Ute Tribe Energy & Minerals Department should be consulted should cultural remains from subsurface deposits be exposed during construction work.
4. U.S. Army Corps of Engineers approval shall be obtained before development of the bridge crossing the Duchesne River.

RECEIVED
JAN 12 1995

UNITED STATES GOVERNMENT

memorandum

DATE:

January 10, 1995

REPLY TO
ATTN OF:

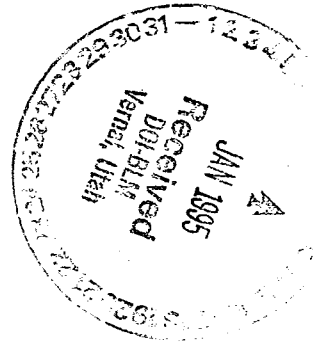
Charles H. Cameron, Petroleum Engineer
Branch of Minerals and Mining

SUBJECT:

ANR Well # 1-15B6

TO:

Ed Forsman, Bureau of Land Management
Vernal District Office



This letter will serve as our concurrence in regards to the ANR well #1-15B6, located in Section 15, T2S, R6W. Due to this location not being on Tribal or allotted lands. (see attached letter and memo from the Ute Tribe Energy & Minerals Department and the Branch of Land Operations giving their approval.)

Any questions you may contact the Branch of Minerals and Mining.

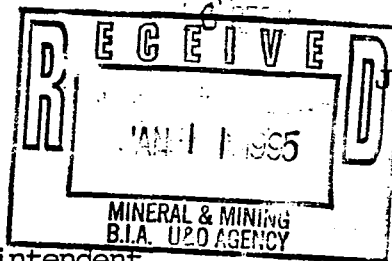
Charles H. Cameron



UTE INDIAN TRIBE

UINTAH AND OURAY AGENCY

P.O. Box 190
Fort Duchesne, Utah 84026



January 10, 1995

In Reply:
ENERGY & MINERALS DEPT.

Mr. Perry J. Baker, Superintendent
U.S. Department of the Interior
Bureau of Indian Affairs
Uintah and Ouray Agency
Fort Duchesne, Utah 84026

RE: Ute Tribal #1-15B6
Sec. 15: T2S, R6W
Lease No. 14-20-H62-4647

Dear Superintendent Baker:

The above referenced location is fee land, but has tribal minerals ownership. Therefore, the Energy & Minerals Department participated in the approval of the location.

On November 15, 1994 an on-site was conducted for ANR Production Company. In attendance were Bonnie Johnson and Larry Tavegia, ANR Production Company; Stan Olmstead, Bureau of Land Management-Vernal District Office; Robert Kay, Bear Consulting/U.E.L.S.; John Scott, Metcalf Archaeological Consultants; and Elliott Ridley, Tribal Technician, Energy and Minerals Resource Department.

Elliott Ridley, Tribal Technician participated in archaeological survey of the proposed location. A site was recorded, in which the well location and access route was rerouted as not to cause any disturbance to site. The Energy and Minerals Resource Department is recommending the following;

1. All vehicular traffic, personnel movement, construction and restoration operations should be confined to the areas examined, as reference in report, and to the existing roadways and/or evaluated access routes.
2. All personnel should refrain from collecting artifacts and from disturbing any significant cultural/paleontological resources in the area.
3. The personnel from the Ute Tribe Energy and Minerals Department should be consulted should cultural remains from subsurface deposits be exposed during construction.

The Energy and Minerals Departments recommends approval of the wellsite and associated access road as proposed by ANR Production Company, providing the aforementioned recommendations are adhered. Should you require additional information, please feel free to contact this department.

UNITED STATES GOVERNMENT
memorandum

DATE: December 20, 1994

REPLY TO
ATTN OF: Branch of Land Operations

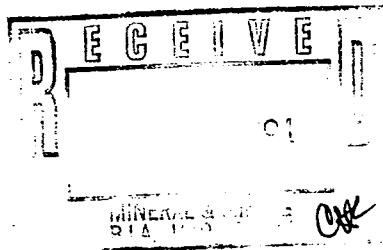
SUBJECT: ANR Well # 1-15-B6

Branch of Minerals & Mining

TO:

This is to inform you that the ANR well #1-15-B6 is not located on Indian owned land, therefore, we have no environmental concerns associated with this well. It is suggested that BIA recommends the approval of this project.

Walter A. Hanberg



To Whom it may concern

The undersigned Darbl W. Burkley, Living Trust, David & Burkley has reached an Agreement with ANR Production Co. to the following:

- 1) That for an agreed upon sum of \$10.00 and more Dollars A ANR is granted permission to Build, access the well pad (see attached plat) for the Ute 1-15 B6
- 2) For the same consideration ANR ~~is~~ granted permission to build the Road and Bridge necessary to access the location.
- 3) For the same consideration the ANR Production Company is granted the right to build a tank battery (to be surveyed) off the access road between Power Poles and ANR gas line.

Subsequent to survey, a formal agreement will be drafted for execution and consideration tendered

subscribed this 19th day of January 1995

Carol W Barkley

Carol W. Barkley
Trustee

David Barkley
David Barkley

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: ANR PRODUCTION

Well Name: UTE 1-15B6

Api No. 43-013-31484

Section 15 Township 2S Range 6W County DUCHESNE

Drilling Contractor

Rig #

SPUDDED: Date 4/7/95

Time

How DRY HOLE

Drilling will commence

Reported by DON NICHOLS

Telephone #

Date: 4/6/95 Signed: JLT

4-12-95

Form 3160-5
(June 1990)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
Budget Bureau No. 1004-0135

Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.

Use "APPLICATION FOR PERMIT" - for such proposals

5. Lease Designation and Serial No.

14-20-H62-4647

6. If Indian, Alottee or Tribe Name

Ute

7. If Unit or CA, Agreement Designation

N/A

8. Well Name and No.

Ute #1-15B6

9. API Well No.

43-013-31484

10. Field and Pool, Or Exploratory Area

Altamont

11. County or Parish, State

Duchesne, Utah

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

ANR Production Company

3. Address and Telephone No.

P. O. Box 749, Denver, CO 80201-0749

(303) 573-4476

4. Location of Well (Footage, Sec., T., R., M., Or Survey Description)

1401' FSL & 1295' FWL

Section 15, T2S-R6W

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐
- Notice of Intent
-
- ☒
- Subsequent Report
-
- ☐
- Final Abandonment Notice

TYPE OF ACTION

- ☐
- Abandonment
-
- ☐
- Recompletion
-
- ☐
- Plugging Back
-
- ☐
- Casing Repair
-
- ☐
- Altering Casing
-
- ☒
- Other
- Spud Notice

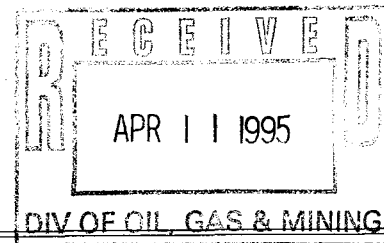
- ☐
- Change of Plans
-
- ☐
- New Construction
-
- ☐
- Non-Routine Fracturing
-
- ☐
- Water Shut-Off
-
- ☐
- Conversion to Injection
-
- ☐
- Dispose Water

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markets and zones pertinent to this work.)*

Drill 67' 26" hole on 3/31/95. Set 67' 20" 0.25 thick conductor csg. Cmt csg w/Western Co. w/300 sx "G" w/3% CaCl₂, 1/4# /sx Celloseal. Displace w/17.7 bbls H₂O. Circ 25 bbls cmt to pit, 121 sx. Cmt top @ GL. Left +/- 20 cmt inside conductor.

Drlg, spud well @ 9:00 a.m. on 4/7/95.



14. I hereby certify that the foregoing is true and correct

Signed

N.O. Shiflett

Title District Drilling Manager

Date

04/10/95

(This space for Federal or State office use)

APPROVED BY

Title

Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

Ute #1-15B6
1295' FWL & 1401' FSL
NW/SW, SECTION 15, T2S-R6W
Duchesne County, Utah
Lease Number: 14-20-H62-4647

ONSHORE ORDER NO. 1
ANR Production Company

DRILLING PROGRAM

All lease and /or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Order No. 1, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

1. Estimated Tops of Important Geologic Markers:

<u>Formation</u>	<u>Depth</u>
Duchesne River/Uinta	Ground level
Lower Green River	8715'
Wasatch	10185'
Total Depth	14,500'

2. Estimated Depths of Anticipated Water, Oil, Gas, or Mineral Formations:

<u>Substance</u>	<u>Formation</u>	<u>Depth</u>
Oil/Gas	Lower Green River	8715'
Gas/Gas	Wasatch	10185'
Water	N/A	
Other Minerals	N/A	

All freshwater and prospectively valuable minerals encountered during drilling will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

3. Pressure Control Equipment (Schematic Attached)

ANR Production Company's's minimum specifications for pressure control equipment are as follows:

Ram type: 11" Annular preventor (Hydril), 11" Double Gate Hydraulic, Drilling Spool, 5000 psi

Ram type preventors and associated equipment shall be tested to approved stack working pressure if isolated by test plug or to 70% of internal yield pressure of casing. Pressure shall be maintained for at least 10 minutes or until requirements of test are met, whichever is longer. If a test plug is utilized, no bleed-off pressure is acceptable. For a test not utilizing a test plug, if a decline in pressure of more than 10% in 30 minutes occurs, the test shall be considered to have failed. Valve on casing head below test plug shall be open during test of BOP stack.

Annular type preventors (if used) shall be tested to 50% of rated working pressure. Pressure shall be maintained at least 10 minutes or until provisions of test are met, whichever is longer.

As a minimum, the above test will be performed when initially installed; whenever any seal subject to test pressure is broken; following related repairs; or at 30-day intervals.

Valves shall be tested from working pressure side during BOPE tests with all down stream valves open.

When testing the kill line valve(s), the check valve shall be held open or the ball removed.

Annular preventors shall be functionally operated at least weekly.

Pipe and blind rams shall be activated each trip; however, this function need not be performed more than once a day.

A BOPE pit level drill shall be conducted weekly for each drilling crew.

Pressure tests shall apply to all related well control equipment.

All of the above described tests and/drills shall be recorded in the drilling log.

BOP systems shall be consistent with API RP53. Pressure tests will be conducted before drilling out from under casing strings which have been set and cemented in place. Blowout preventor controls will be installed prior to drilling the surface casing plug and will remain in use until the well is completed or abandoned. Preventors will be inspected and operated at least daily to ensure good

mechanical working order, and this inspection shall be recorded on the daily drilling report. Preventors will be pressure tested before drilling casing cement plugs.

The District Office should be notified, with sufficient lead time, in order to have the BLM representative on location during pressure testing.

- a. The size and the rating of the BOP stack is shown on the attached diagram. Although a rig has not been chosen to drill this well, most of the equipment for this depth of hole in the area use a 2000 psi working pressure blowout preventor.
- b. A choke line and a kill line are to be properly installed. The kill line is not to be used as a fill-up line.
- c. The accumulator system shall have a pressure capacity to provide for repeated operation of hydraulic preventors.
- d. Drill string safety valve(s), to fit all tools in the drill string, are to be maintained on the rig floor while drilling operations are in progress.

4. Proposed Casing and Cementing Program:

- a. The proposed casing program will be as follows:

<u>Purpose</u>	<u>Depth</u>	<u>Hole Size</u>	<u>Csg Size</u>	<u>Wt/ft</u>	<u>Grade</u>	<u>Type</u>
Surface	0-1200'	17-1/2"	13-3/8"	54.5#	J-55	ST&C
Product.	0-7200'	12-1/4"	9-5/8"	40#	S-95	BT&C
	6900-11000'	8-3/4"	7"	26#	S-95	LT&C
	10700-14500'	8-3/4"	5"	18#	S-95	LT&C H521

The proposed casing and cementing program shall be conducted as approved to protect and/or isolate all usable water zones, potentially productive zones, lost circulation zones, abnormally pressured zones, and any prospectively valuable deposits of minerals. Any isolating medium other than cement shall receive approval prior to use. The casing setting depth shall be calculated to position the casing seat opposite a competent formation which will contain the maximum pressure to which it will be exposed during normal drilling operations. Determination of casing setting depth shall be based on all relevant factors, including: presence/absence of hydrocarbons; fracture gradients; usable

water zones; formation pressures; lost circulation zones; other minerals; or other unusual characteristics. All indications of usable water shall be reported.

Casing design shall assume formation pressure gradients of 0.44 to 0.50 psi per foot for exploratory wells (lacking better data).

Casing design shall assume fracture gradients from 0.70 to 1.00 psi per foot for exploratory wells (lacking better data).

Casing collars shall have a minimum clearance of 0.422" of all sides in the hole/casing annulus, with recognition that variances can be granted for justified exceptions.

All waiting on cement times shall be adequate to achieve a minimum of 500 psi compressive strength at the casing shoe prior to drilling out.

All casing, except conductor casing, shall be new or reconditioned and tested. Used casing shall meet or exceed API standards for new casing.

The surface casing shall be cemented back to surface either during the primary cement job or be remedial cementing.

All indications of usable water shall be reported to the authorized officer prior to running the next string of casing or before plugging orders are requested, whichever occurs first.

Surface casing shall have centralizers on every fourth joint of casing, starting with the shoe joint and up to the bottom of the cellar.

Top plugs shall be used to reduce contamination of cement by displacement fluid. A bottom plug or other acceptable technique, such as a suitable preflush fluid, inner string cement method, etc., shall be utilized to help isolate the cement from contamination by the mud being displaced ahead of the cement slurry.

All casing strings below the conductor shall be pressure tested to 0.22 psi per foot of casing string length or to 1500 psi, whichever is greater, but not to exceed 70% of the minimum internal yield. If pressure declines more than 10% in 30 minutes, corrective action shall be taken.

On all exploratory wells, and on that portion of any well approved for a 5M BOPE system or greater, a pressure integrity test of each casing shoe shall be performed. Formation at the shoe shall be tested to a minimum of the mud weight equivalent anticipated to control the formation pressure to the next casing depth or at total depth of the well. This test shall be performed before drilling more than 20 feet of new hole. Casing design subject to revision based on geologic conditions encountered.

b. The cement program will be as follows:

<u>Surface</u>	<u>Type</u>
0-1200'	Lead w/HLC 3% CaCl ₂ 12.4 ppg 1.97 cu.ft/sx Tail w/Prem Plus 2% CaCl ₂ 15.6 ppg 1.18 cu.ft/sx, cmt to surface
<u>Production</u>	<u>Type</u>
5000-7200'	Lead #1 w/XLite 10.1 ppg 4.59 cu.ft/sx; Lead #2 w/HLC 3% salt 12.7 ppg 2.07 cu.ft/sx Tail w/PP 2% CaCl ₂ 15.6 ppg 1.18 cu.ft/sx
6900-11000'	Lead #1 w/ Silicalite 3% gel + salt 11.0 ppg 2.98 cu.ft/sx; Lead #2 w/Silicalite 4% gel 2% CaCl ₂ 10.5 ppg 3.51 cu.ft/sx Tail w/Silicalite 2% gel 4% Versaset 12.0 ppg 2.02 cu.ft/sx
10700-14500'	Lead w/ Silicalite 10% SSA 6% gel 12.0 ppg 2.3 cu.ft/sx, 2#/sx Capseal

Anticipated cement tops will be reported as to depth, not the expected number of sacks of cement to be used. The District Office should be notified, with sufficient lead time, in order to have a BLM representative on location while running all casing strings and cementing.

After cementing, but before commencing any test, the casing string shall stand cemented until the cement has reached a compressive strength of at least 500 psi at the shoe. WOC time shall be recorded in the driller's log.

- c. The following reports shall be filed with the District Manager within 30 days after the work is completed:
1. Progress reports, Form 3160-5, "Sundry Notices and Reports on Wells," must include the following information:
 - a) Setting of each string of casing, showing the size, grade, weight of casing set, setting depth, amounts and type of cement used, whether cement circulated or the top of the cement behind the casing, depth of the cementing tools used, casing test method and results, and the date of the work done. Spud date will be shown on the first reports submitted.
 - b) Temperature or bond logs must be submitted for each well where the casing cement was not circulated to the surface.
- d. Auxiliary equipment to be used as follows:
1. Kelly cock
 2. No bit float is deemed necessary.
 3. A sub with a full opening valve

5. Drilling Fluids Program

<u>a.</u>	<u>Interval</u>	<u>Type</u>
	0-7200'	aerated mist
	7200-14500'	LSND to lightly dispersed mud

Sufficient quantities of mud materials will be maintained or readily accessible for the purpose of assuring well control during the course of drilling operations.

A mud test shall be performed every 24 hours after mudding up to determine, as applicable: density, viscosity, gel strength, static filtration loss, and Ph.

- b. Mud monitoring equipment will be checked periodically each tour of the mud system. The mud level will be checked visually.
- c. No chromate additives will be used in the mud system

on Federal and/or Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

- d. No chemicals subject to reporting under SARA Title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

6. Evaluation Program

a. Logging Program:

Dual Laterlog & Caliper	TD to base of surface casing
FDC/CNL/GR	TD to 2500'

Drill Stem Tests: None anticipated

Cores: None anticipated

The evaluation program may change at the discretion of the wellsite geologist.

Drill stem tests, if they are run, will adhere to the following requirements:

Initial opening of the drill stem test tools shall be restricted to daylight hours unless specific approval to start during other hours is obtained from the authorized officer. However, DST's may be allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized and if adequate lighting is available (i.e. lighting which is adequate for visibility and vapor-proof for safe operations). Packers can be released, but tripping shall not begin before daylight, unless prior approval is obtained from the authorized officer. Closed chamber DST's may be performed day or night.

Some means of reverse circulation shall be provided in case of flow to the surface showing evidence of hydrocarbons.

Separation equipment required for the anticipated recovery shall be properly installed before a test starts.

All engines within 100 feet of the wellbore that are required to be operational during the test shall have spark arresters or water-cooled exhausts.

- b. Whether the well is completed as a dry hole or a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the authorized officer.
- c. No stimulation or frac treatment has been formulated for this well at this time; however, the drill site, as approved, will be of sufficient size to accommodate all completion activities. Any frac treatment program specifics will be submitted via sundry notices.

7. Abnormal Conditions

No abnormal temperatures or pressures are anticipated. No hydrogen sulfide has been encountered in or known to exist from previous drilling in the area at this depth. Maximum anticipated bottomhole pressure approximately equals 5800 psi (calculated at 0.4 psi/foot) and maximum anticipated surface pressure equals approximately 3190 psi (bottom hole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

8. Anticipated Starting Dates and Notification of Operations

a. Drilling Activity

Anticipated commencement date: Upon approval of this application

Drilling days: Approximately 10 days

Completion days: Approximately 7 days

b. Notification of Operations

The BLM in Vernal, Utah, will be notified at least 24 hours prior to the commencement of spudding the well (to be followed with a Sundry Notice, Form 3160-5), of initiating pressure tests of the blow-out preventer and related equipment, and running casing and cementing of all casing strings.

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in suspended status without prior approval from the Authorized Officer. If operations are to be suspended, prior approval of the Authorized Officer will be obtained and notification given before resumption of operations.

In accordance with Onshore Oil and Gas Order No. 1, this well will be reported on Form 3160-6, "Monthly Report of Operations," starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report will be filed with the Vernal BLM District Office, 170 South 500 East, Vernal, Utah 84078.

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

If a replacement rig is contemplated for completion operations, a "Sundry Notice," Form 3160-5, to that effect will be filed, for prior approval of the Authorized Officer, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.

Should the well be successfully completed for production, the Authorized Officer will be notified when the well is placed in a producing status. Such notification will be sent by written communication not later than 5 days following the date when the well is placed on production.

Pursuant to Onshore Order No. 7, with the approval of the District Engineer, produced water may be temporarily disposed of into unlined pits for a period of up to 90 days. During this period, an application for approval of the permanent disposal method, accompanied by water analysis and other required

information, must be submitted to the District Engineer.

Pursuant to NTL-4A, lessees or operators are authorized to vent/flare gas during the initial well evaluation tests, not to exceed 30 days or the production of 50 MMCF of gas, whichever occurs first. An application must be filed with the District Engineer and approval received for any venting/flaring of gas beyond the initial 30 day or authorized test period.

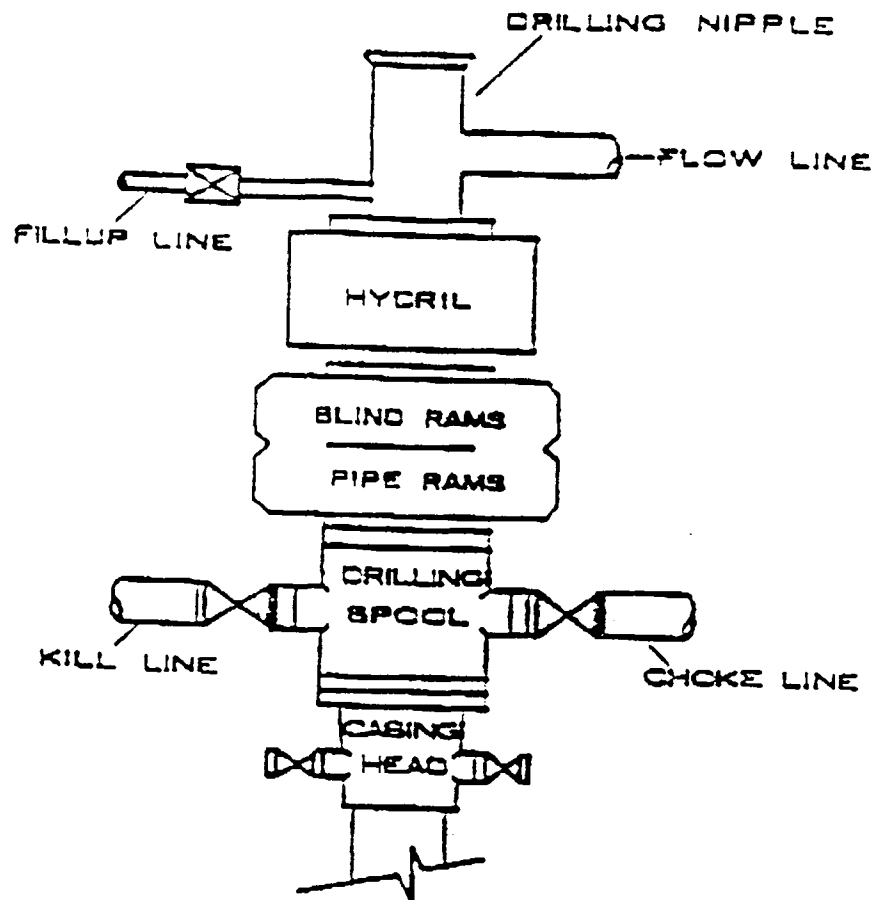
A schematic facilities diagram, as required by 43 CFR 3162.7-5 (b.9.b.), shall be submitted to the District Office within 60 days of installation or first production, whichever occurs first. All site security regulations, as specified in Onshore Oil & Gas Order No. 3, shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-5 (b.4).

A first production conference will be scheduled within 15 days after receipt of the first production notice.

No well abandonment operations will be commenced without the prior approval of the Authorized Officer. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the Authorized Officer. A "Subsequent Report of Abandonment," Form 3160-5, will be filed with the Authorized Officer within 30 days following completion of the well for abandonment. This report will indicate placement of the plugs and current status of the surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the Authorized Officer or his representative, or the appropriate Surface Managing Agency.

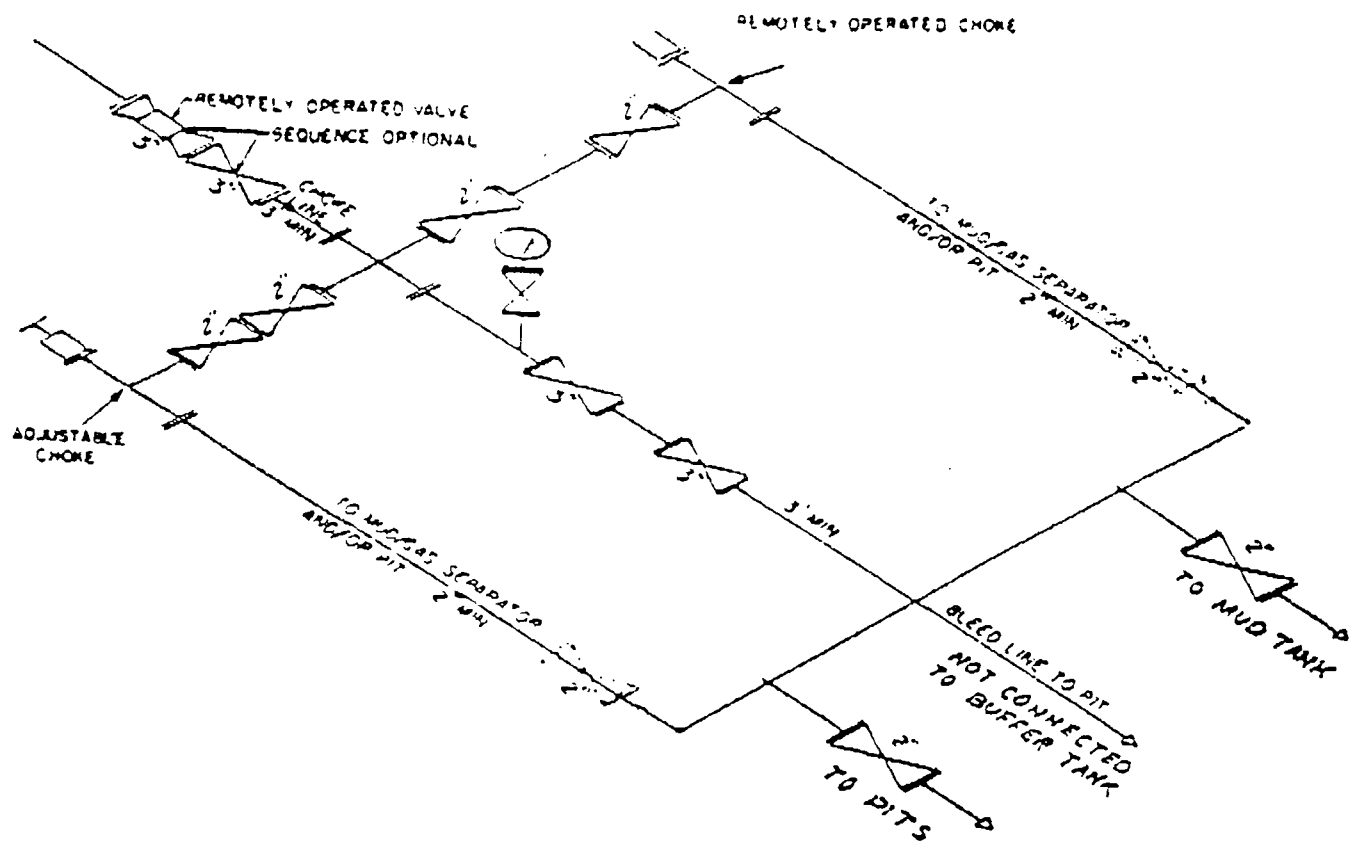
Pursuant to Onshore Oil and Gas Order No. 1, lessees and operators have the responsibility to see that their exploration, development, production, and construction operations are conducted in a manner which conforms with applicable Federal laws and regulations and with the State and local laws, to the extent to which they are applicable, to operations on Federal or Indian lands.

EOP STACK



ANR ANR Production Company
AN AMERICAN NATURAL RESOURCES COMPANY

5000



ANR ANR Production Company
 An American Natural Resources Company

5000

Ute 1-15B6
1295' FWL & 1401' FSL
NW/SW, SECTION 15, T2S-R6W
Duchesne County, Utah
Lease Number: 14-20-H62-4647

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE AND OPERATIONS PLAN

NOTIFICATION REQUIREMENTS

Location Construction: 48 hours prior to construction of location and access roads

Location Completion: Prior to moving the drilling rig

Spud Notice: At least 24 hours prior to spudding the well

Casing String and Cementing: 24 hours prior to running casing and cementing all casing strings

BOP and Related Equipment Tests: 24 hours prior to initiating pressure tests

First Production Notice: Within 5 days after new well begins or production resumes after well has been off production for more than 90 days

The onsite inspection for this well was conducted on 11/15/94 at approximately 9:30 AM. Weather conditions were clear and cold. In attendance at the inspection were the following individuals:

Bonnie Johnston	ANR Production Company
Larry Tavegia	ANR Production Company
Stan Olmstead	BLM
Robert Kay	U.E.L.S., inc.
Elliot Ridley	Ute Tribe, Energy and Minerals
John Scott	Metcalf Archaeological Consultants, Inc.

1. Existing Roads:

The proposed well site is approximately 17 miles northwest of Duchesne, Utah.

Directions to the location from Duchesne, Utah:

Proceed from Duchesne, Utah, on state road 87 in a northerly direction approximately 6.0 miles to the junction of this road and existing state road 35, which goes to the west. Turn left and proceed in a northwesterly direction approximately 10.5 miles to the beginning of the proposed access road. Follow road flags in a northerly, then westerly, then northeasterly

direction approximately 1.0 miles to the proposed location.

Refer to Topo Maps A and B for location of access roads within a 2 mile radius.

There will be no improvement to existing access.

All existing roads will be maintained and kept in good repair during all drilling and completion operations associated with this well.

2. Planned Access Roads

Approximately 1.0 miles of new access will be required. The new access road will be crowned and ditched with a running surface of 18 feet and a maximum disturbed width of 30 feet. Appropriate water control will be installed to control erosion.

One pipeline will be crossed with the new construction. The 10" natural gas pipeline is operated by ANR Production and is buried.

The maximum grade will be less than 12%.

There will be no turnouts.

There are no major cut and fills. See Figure #1.

There will be a bridge built along the access road in order to cross the Duchesne River. The bridge is located upon fee surface. The construction permit to the Army Corps of Engineers is in process.

The access road was centerline flagged during time of staking.

Surfacing material may be necessary, depending upon weather conditions.

There will be no gates, cattleguards, fence cuts, or modifications to existing facilities.

Surface disturbance and vehicular traffic will be limited to the approved location and approved access route. Any additional area needed will be approved in advance.

Access roads and surface disturbing activities will conform to standards outlined in the BLM and Fire Service publication: Surface Operating Standards for Oil and Gas Exploration and Development, (1989).

The road surface and shoulders will be kept in a safe and usable condition and will be maintained in accordance with the original construction standards. All drainage ditches and culverts will be kept clear and free-flowing, and will be maintained according to original construction standards. The access road right-of-way will be kept free of trash during operations. All traffic will be confined to the approved Right-of-Way. Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossing nor shall the drainages be blocked by the roadbed. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts. Should mud holes develop, they shall be filled in and detours around them avoided.

3. Location of Existing Wells Within a 1-Mile Radius: See Map C

- a. Water wells - 0
- b. Producing wells - 0
- c. Drilling wells - 0
- d. Shut-in wells - 0
- e. Temporarily abandoned wells - 0
- f. Disposal wells - 0
- g. Abandoned wells - 1

Diamond Shamrock, Ute 1-22B6
550' FNL & 1980' FEL, Section 22, T2S-R6W

- h. Injection wells - 0

4. Location of Existing and Proposed Facilities:

The following guidelines will apply if the well is productive.

- a. A diagram showing the proposed production facilities

will be submitted via Sundry Notice Form 3160-5 prior to facilities installation.

- b. All production facilities will be located on the disturbed portion of the well pad and at a minimum of 25 feet from the toe of the back slope or the top of the fill slope.
- c. A dike will be constructed completely around those production facilities which contain fluids (i.e., production tanks, produced water tanks and/or heater/treater). These dikes will be constructed of compacted subsoil, be impervious, hold 100% of the capacity of the largest tank, and be independent of the back cut.
- d. All permanent (on-site six months or longer) above the ground structures constructed or installed, including pumping units, will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors, as determined by the five state Rocky Mountain Inter-Agency Committee.

All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) will be excluded. The required color is Desert Brown, Munsell standard color number 10 YR 6/3.

- e. If, at any time, the facilities located on public land and authorized by the terms of the lease are no longer included in the lease (due to a contraction in the unit or other lease or unit boundary change), the BLM will process a change in authorization to the appropriate statute. The authorization will be subject to the appropriate rental or other financial obligation, as determined by the Authorized Officer.
- f. Any necessary pits will be properly fenced to protect livestock and prevent wildlife entry.

5. Location and Type of Water Supply

All water needed for drilling purposes will be obtained from City of Duchesne Culinary Water System Sections 1 and 2, T4S-R5W under the existing water rights held by the City of Duchesne, Utah.

Water will be hauled to location over the roads marked on Maps A and B.

No water well is to be drilled on this lease.

6. Source of Construction Materials

Surface and subsoil materials in the immediate area will be utilized.

Any gravel will be obtained from a commercial source.

The use of materials under BLM jurisdiction will conform with 43 CFR 3610.2.3. Construction material will not be located on lease.

No construction materials will be removed from land surface without prior approval from the surface owner.

7. Methods of Handling Waste Materials

- a. Drill cuttings will be contained and buried in the reserve pit.
- b. Drilling fluids, including salts and chemicals, will be contained in the reserve pit. Upon termination of drilling and completion operations, the liquid contents of the reserve pit will be removed and disposed of at an approved waste disposal facility within 120 days after drilling is terminated.
- c. The reserve pit will be constructed on the location and will not be located within natural drainages, where a flood hazard exists or surface runoff will destroy or damage the pit walls. The reserve pit shall be lined. The reserve pit will be constructed so that it will not leak, break, or allow discharge of liquids.

If a plastic reinforced liner is used, it will be a minimum of 12 mil thick, with sufficient bedding used to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash or scrap that could puncture the liner will be disposed of in the pit. More stringent protective requirements may be deemed necessary by the Authorized Officer.

- d. After first production, produced waste water will be

confined to the approved pit or storage tank for a period not to exceed 90 days. During the 90-day period, in accordance with Onshore Order No. 7, an application for approval of a permanent disposal method and location, along with the required water analysis, will be submitted for the Authorized Officer's approval.

- e. Any spills of oil gas, salt water, or other noxious fluids will be immediately cleaned up and removed to an approved disposal site.
- f. A chemical porta-toilet will be furnished with the drilling rig.
- g. Garbage, trash, and other waste materials will be collected in a portable, self-contained, fully enclosed trash cage during operations. No trash will be burned on location.
- h. All debris and other waste material not contained in the trash cage will be cleaned up and removed from the location immediately after removal of the drilling rig.

Any open pits will be fenced during the operations. The fencing will be maintained until such time as the pits are backfilled.

- i. No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

8. Ancillary Facilities

None are anticipated.

9. Well Site Layout: See Location Layout Diagram

The attached Location Layout Diagram describes drill pad cross-sections, cuts and fills, and locations of the mud tanks, reserve pit, flare pit, pipe racks, trailer parking, spoil dirt stockpile(s), and surface material stockpile(s).

See the attached diagram to describe rig orientation, parking areas, and access roads.

- a. The reserve pit will be located on the northwest side of the location.
- b. The stockpiled topsoil (first six inches) will be stored on the east side of the location. All brush removed from the well pad during construction will be stockpiled separately from the topsoil.
- c. The flare pit will be located downwind from the prevailing wind direction and a minimum of 100 feet from the well head and 30 feet from the reserve pit fence.
- d. Access will be from the west.
- e. All pits will be fenced according to the following minimum standards:

39 inch net wire will be used with at least one strand of barbed wire on top of the net wire. Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence.

The net wire shall be no more than 2 inches above the ground. The barbed wire shall be 3 inches over the net wire. Total height of the fence shall be at least 42 inches.

Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.

Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distance between any two fence posts shall be no greater than 26 feet.

All wire shall be stretched, by using a stretching device, before it is attached to corner posts.

- f. The reserve pit fencing will be on three sides during drilling operations, and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.

10. Plans for Reclamation of the Surface

- a. Producing Location

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, materials, trash and debris not required for production.

Immediately upon well completion, any hydrocarbons in the pit shall be removed in accordance with 43 CFR 3162.7-1.

If a plastic nylon reinforced liner is used, it shall be torn and perforated before backfilling of the reserve pit.

Before any dirt work associated with location restoration takes place, the reserve pit shall be as dry as possible. All debris in it will be removed. Other waste and spoil materials will be disposed of immediately upon completion of operations.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours. The reserve pit will be reclaimed within 90 days from the date of well completion, weather permitting.

To prevent surface water(s) from standing (ponding) on the reclaimed reserve pit area, final reclamation of the reserve pit will consist of "mounding" the surface 3 feet above surrounding ground surface to allow the reclaimed pit area to drain effectively.

Upon completion of backfilling, leveling, and recontouring, the stockpiled topsoil will be spread evenly over the reclaimed area(s).

Arrangements are being negotiated between the landowner(s) and the operator defining the specific requirements for surface reclamation.

b. Dry Hole/Abandoned Location

On lands administered by the BLM, abandoned well sites, roads, and other disturbed areas will be restored as near as practical to their original condition. Where applicable, these conditions include the re-establishment of irrigation systems, the re-establishment of appropriate soil conditions, and the re-establishment of vegetation as specified.

All disturbed surfaces will be recontoured to the approximate natural contours, with reclamation of the well pad and access road to be performed as soon as practical after final abandonment. Reseeding operations will be performed after completion of other reclamation operations.

11. Surface Ownership

Access roads: Carol W. Burkley Living Trust
Carol W. Burkley, Trustee
HC 63, Box 25
Duchesne, Utah 84021
(801) 848-5770

Garel R. Larson et ux

Well pad: The well is located on lands owned by
Carol R. Burkley Living Trust

Garel R. Larson et ux

Earl N. Wright, Trustee
(801) 848-5523

12. Other Information

- a. All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved plan of operations, and any applicable Notice of Lessees. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative to ensure compliance.
- b. A Class III archaeological survey was conducted by Metcalf Archaeological Consultants. A copy of this report has been submitted directly to the BIA and appropriate officers of the Ute Tribe, Cultural Rights & Protection and Energy and Minerals, by Metcalf Archaeological Consultants. A site was found during the survey. The boundaries of the site were flagged by Metcalf. The wellpad and access road were staked so that the archaeological site avoided the site entirely.

The operator is responsible for informing all persons in the areas who are associated with this project that they will be subject to prosecution for knowingly disturbing

historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator is to immediately stop work that might further disturb such materials, and contact the Authorized Officer.

- c. The operator will control noxious weeds along right-of-ways for roads, pipelines, well sites, or other applicable facilities. A list of noxious weeds may be obtained from the BLM or the appropriate County Extension Office. On BLM administered land, it is required that a Pesticide Use Proposal be submitted and approved prior to the application of herbicides or other pesticides or possibly hazardous chemicals.
- d. Drilling rigs and/or equipment used during drilling operations on this location will not be stacked or stored on Federal Lands after the conclusion of drilling operations or at any other time with BLM authorization. If BLM authorization is obtained, such storage is only a temporary measure.
- e. The BLM office shall be notified upon site completion and prior to moving drilling tools onto the location.
- f. Administrative approval for a location exception has been requested from the State of Utah. This well will be drilled in the SW corner of Section 15 due to topographic reasons.
- g. A communitization agreement is in the process of being negotiated for this well.

13. Lessee's or Operators's Representative and Certification

Bonnie Johnston
Environmental Analyst
Coastal Oil & Gas Corporation
P.O. Box 749
Denver, CO 80201-0749
(303) 573-4476

Ned Shiflett
Drilling Manager
(303) 573-4455

Certification: All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved plan of operations, and any applicable Notice to Lessees.

Ute #1-15B6

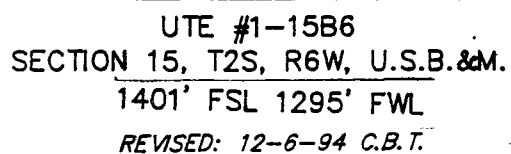
Surface Use and Operations Plan

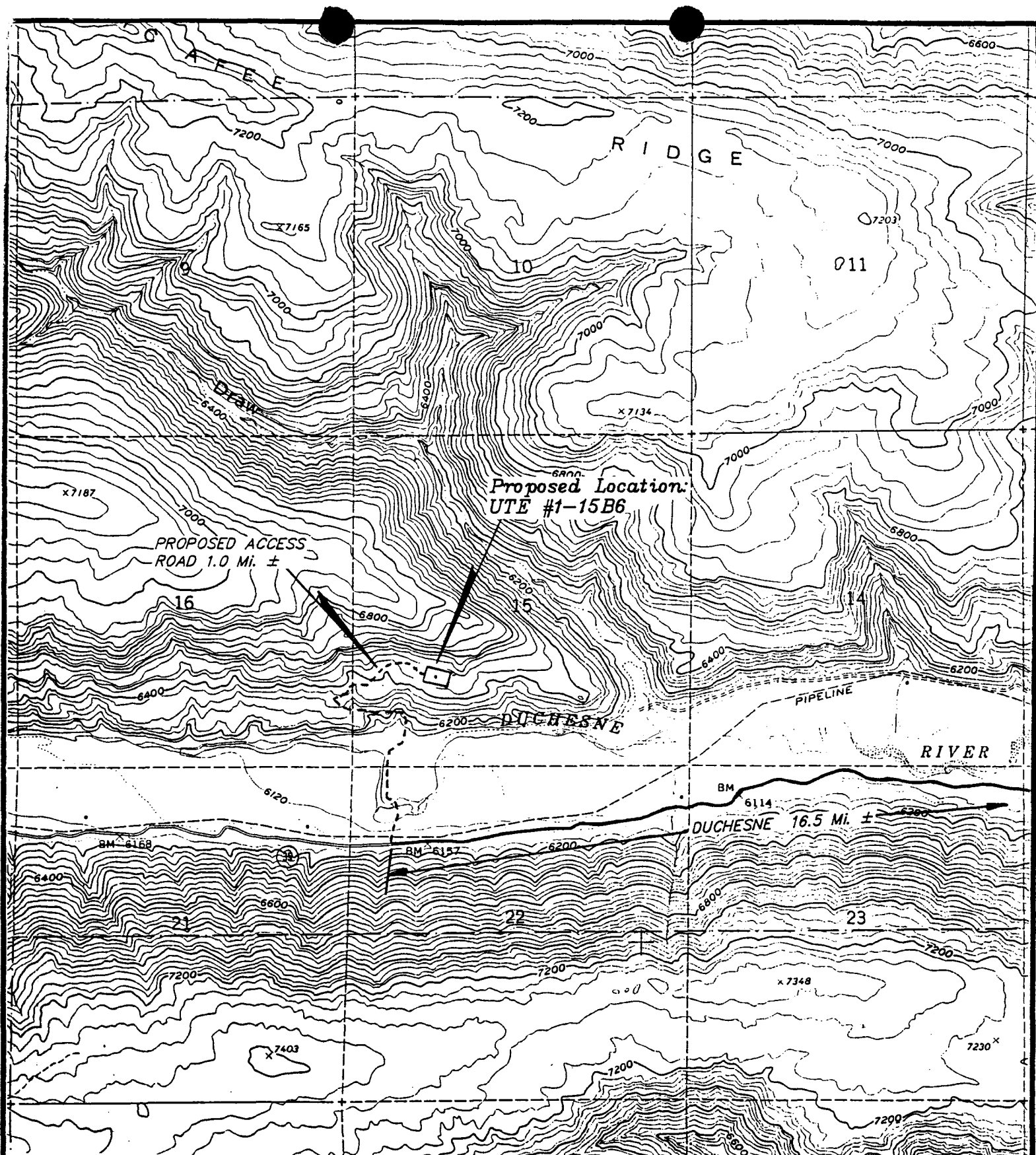
Page 11

The operator will be fully responsible for the actions of its subcontractors. A complete copy of the approved "Application for Permit to Drill" will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

I hereby certify that I, or persons under my supervision, have inspected the proposed drill site and access route, that I am familiar with the conditions that currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and the work associated with the operations proposed herein will be performed by the operator, its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

12/13/94 Date Bonnie Johnston Bonnie Johnston





REVISED: 12-6-94 C.B.T.

TOPOGRAPHIC

MAP "B"

SCALE: 1" = 2000'

DATE: 10-3-94 C.B.T.



ANR PRODUCTION CO.

UTE #1-15B6

SECTION 15, T2S, R6W, U.S.B.&M.

1401' FSL 1295' FWL

ANR PRODUCTION CO.

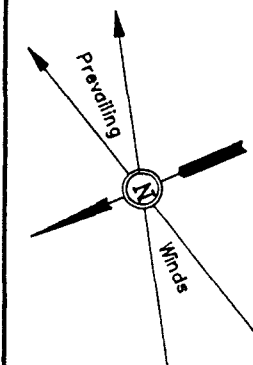
LOCATION LAYOUT FOR

UTE #1-15B6

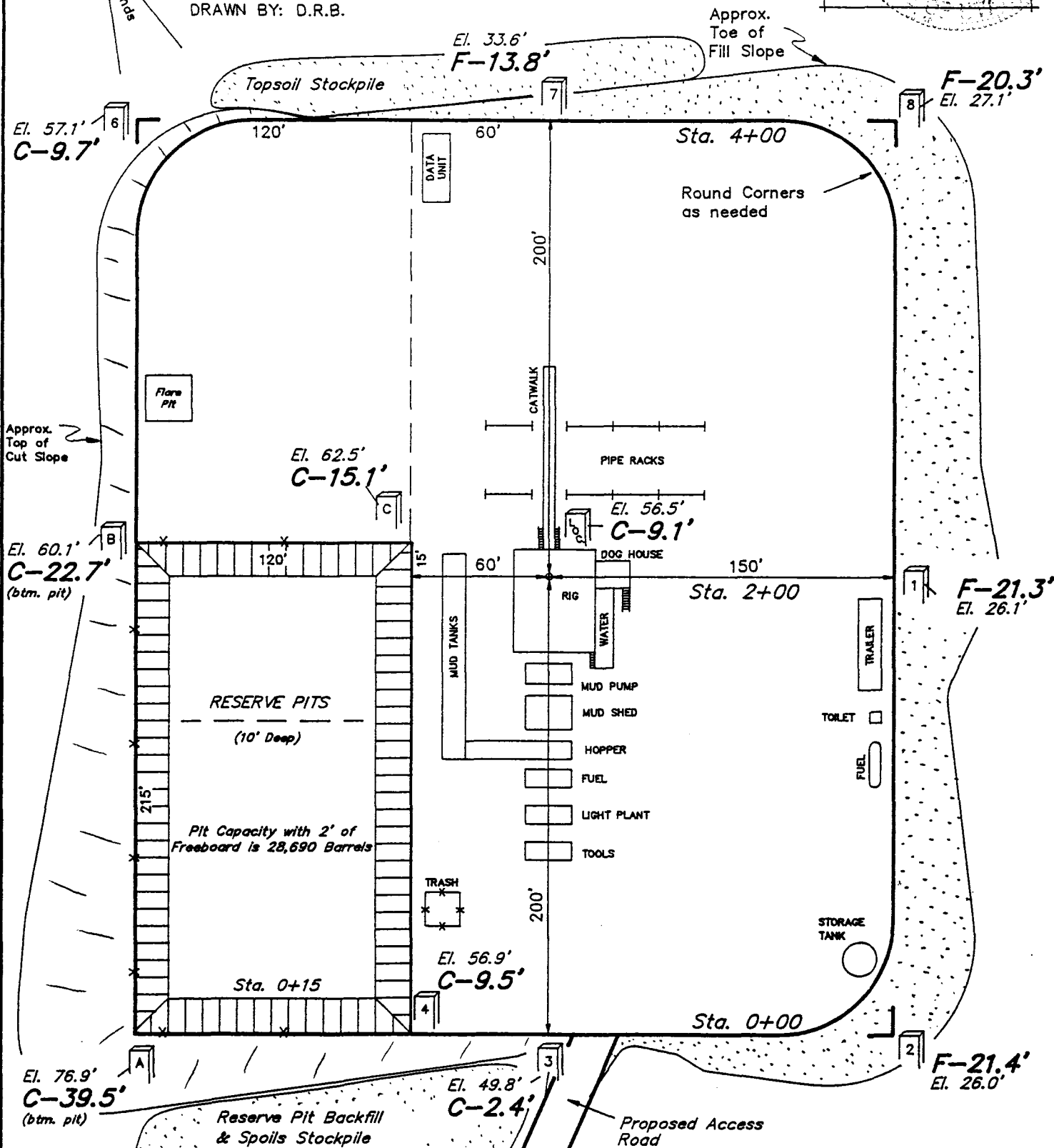
SECTION 15, T2S, R6W, U.S.B.&M.

1401' FSL 1295' FWL

FIGURE #1



SCALE: 1" = 60'
DATE: 12-6-94
DRAWN BY: D.R.B.



Elev. Ungraded Ground At Loc. Stake = 6456.5'

FINISHED GRADE ELEV. AT LOC. STAKE = 6447.4'

UINTAH ENGINEERING & LAND SURVEYING

85 South 200 East Vernal, Utah

ANR PRODUCTION CO.

TYPICAL CROSS SECTIONS FOR

UTE #1-15B6

SECTION 15, T2S, R6W, U.S.B.&M.

1401' FSL 1295' FWL



1" = 40'
X-Section
Scale
1" = 100'

DATE: 12-6-94
DRAWN BY: D.R.B.

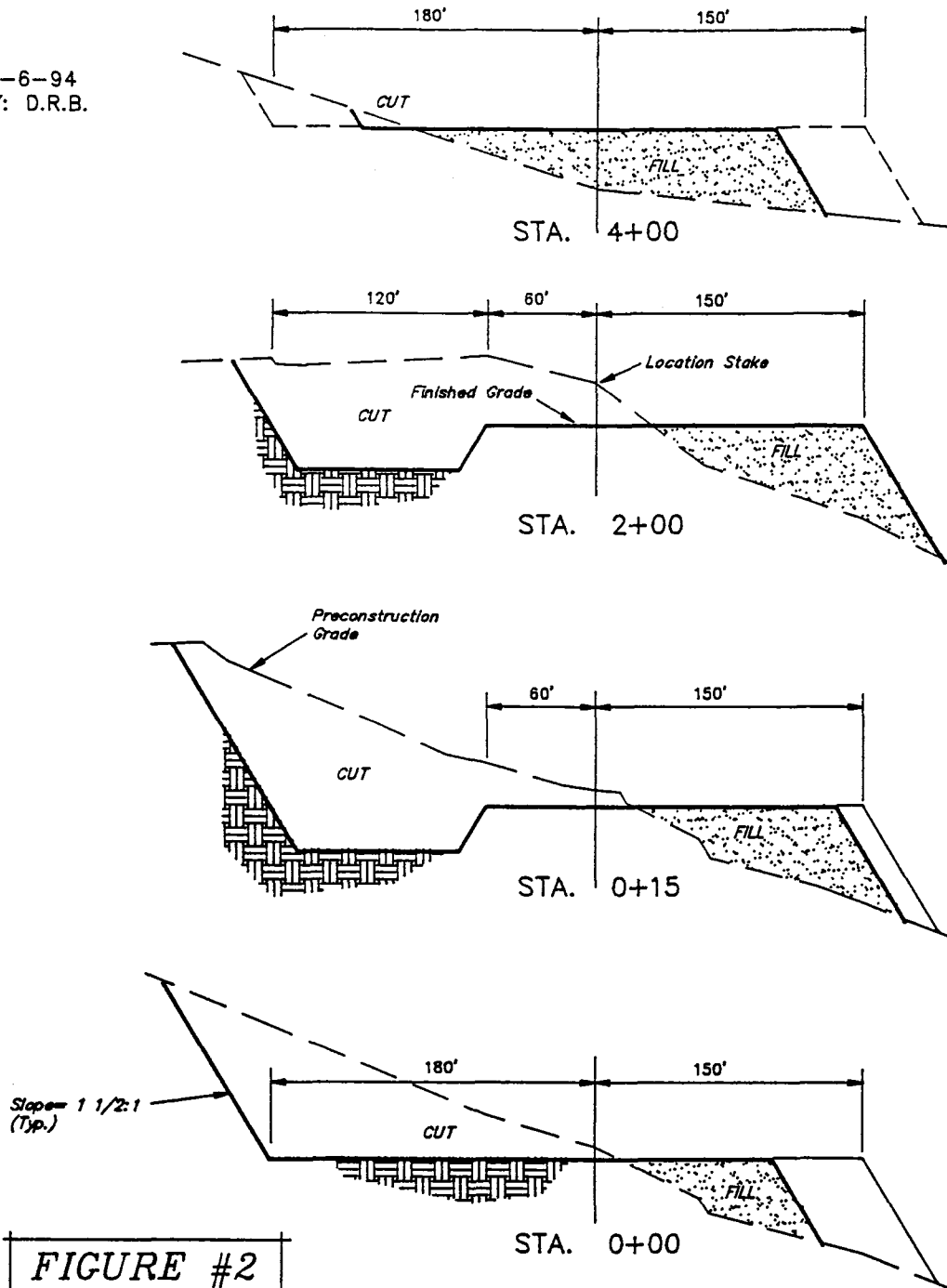


FIGURE #2

APPROXIMATE YARDAGES

CUT	
(6") Topsoil Stripping	= 2,450 Cu. Yds.
Remaining Location	= 39,760 Cu. Yds.
TOTAL CUT	= 42,210 CU.YDS.
FILL	= 34,080 CU.YDS.

EXCESS MATERIAL AFTER 5% COMPACTION	= 6,340 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Volume)	= 6,340 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	= 0 Cu. Yds.

UINTAH ENGINEERING & LAND SURVEYING
85 South 200 East Vernal, Utah

2

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
DRILLING INSPECTION FORM

OPERATOR: ANR PRODUCTION CO COMPANY REP: SCOTT SEELY

WELL NAME: UTE #1-1586 API NO: 43-013-31484

QTR/QTR: NW/SW SECTION: 15 TWP: 02S RANGE: 06W

CONTRACTOR: PARKER DRILLING COMPANY RIG NUMBER: #232

INSPECTOR: DENNIS INGRAM TIME: 2:07 PM DATE: 4/12/95

SPUD DATE: DRY: 4/6 ROTARY: 4/8/95 PROJECTED T.D. 14,500

OPERATIONS AT TIME OF VISIT: DRILLING AHEAD

WELL SIGN: NO MUD WEIGHT 8.4 LBS/GAL ROPE: YES

BLOOE LINE: YES FLARE PIT: YES H2S POTENTIAL: NO

ENVIRONMENTAL:

RESERVE PIT: Y FENCED: Y LINED: Y PLASTIC: Y

RUBBER: BENTONITE: SANITATION: Y

ROPE TEST RECORDED IN THE RIG DAILY TOUR BOOK: YES

REMARKS:

LAST SURVEY WAS 3 1/4 DEGREES AT 2342. DRILLING WITH AIR &
WATER. PUT RIG PUMP ON HOLE AT 1668; HOLE GOT WET AROUND 1606.
RESERVE PIT IS 2/3'S FULL. SET 1179' 13 3/8" J-55 (SET @ 1135)
WATER FROM FORMATION DID NOT FLOW. SCOTT WAS INFORMED HE NEEDS
TO CATCH SAMPLE OF ANY WATER ENCOUNTERED WHILE DRILLING; HE
ALSO NEEDS TO SUBMIT FORM 7 TO DOGM OFFICE.

T 1 S

T 2 S

COASTAL OIL & GAS
DUCHESNE COUNTY

R 6 W

R 6 W

• UTE 1-15B6

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993
Lease Designation and Serial No.

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT" - for such proposals.

RECEIVED
APR 24 1995
BUREAU OF OIL, GAS & MINING

14-20-H62-4647

6. If Indian, Alottee or Tribe Name

Ute

7. If Unit or CA, Agreement Designation

N/A

8. Well Name and No.

Ute #1-15B6

9. API Well No.

43-013-31484

10. Field and Pool, Or Exploratory Area

Altamont

11. County or Parish, State

Duchesne, Utah

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

ANR Production Company

3. Address and Telephone No.

P. O. Box 749, Denver, CO 80201-0749

(303) 573-4476

4. Location of Well (Footage, Sec., T., R., M., Or Survey Description)

1401' FSL & 1295' FWL

Section 15, T2S-R6W

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Access road stabilization

☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markets and zones pertinent to this work.)

The operator requests permission to stabilize the first 300 to 400 yards of the one mile long access road to the above described well. This section has a grade greater than 8 degrees and crosses a series of sandstone ledges, making access difficult. The road surface will be coated with a product called Permazyme, a manufactured product composed of water, molasses, malt, yeast, sugar, and a non-ionic surfactant. Its physical/chemical properties are nearly identical to those of water. It is a nonhazardous material, with no hazardous decomposition or byproducts. It is not hazardous to human health. Permazyme was specifically designed for road stabilization and has been in use for over 30 years. The chemical mechanism consists of fermentation, creating enzymes that act as a catalyst promoting ionic bonding among soil particles.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

14. I hereby certify that the foregoing is true and correct

Signed

Bonnie Johnston

Title Environmental Analyst

Date

04/20/95

(This space for Federal or State office use)

APPROVED BY

Title

Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

Double Jack Testing & Services, Inc.
B.O.P. Test Report

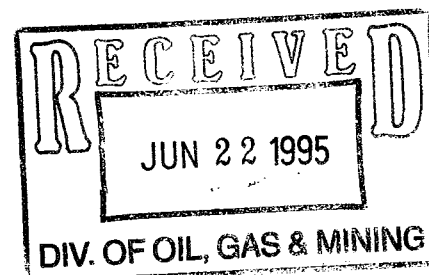
B.O.P. Test performed on (date) 6-8-95
Oil Company A.N.R. Production
Well Name & Number Ute Tribal 1-15B6
Section 15
Township 20
Range 6W
County & State Duchesne, UT
Drilling Rig Packer Drlg. #232
Company Man Scott Seely
Tool Pusher Ed Phelps
Notified prior to test _____

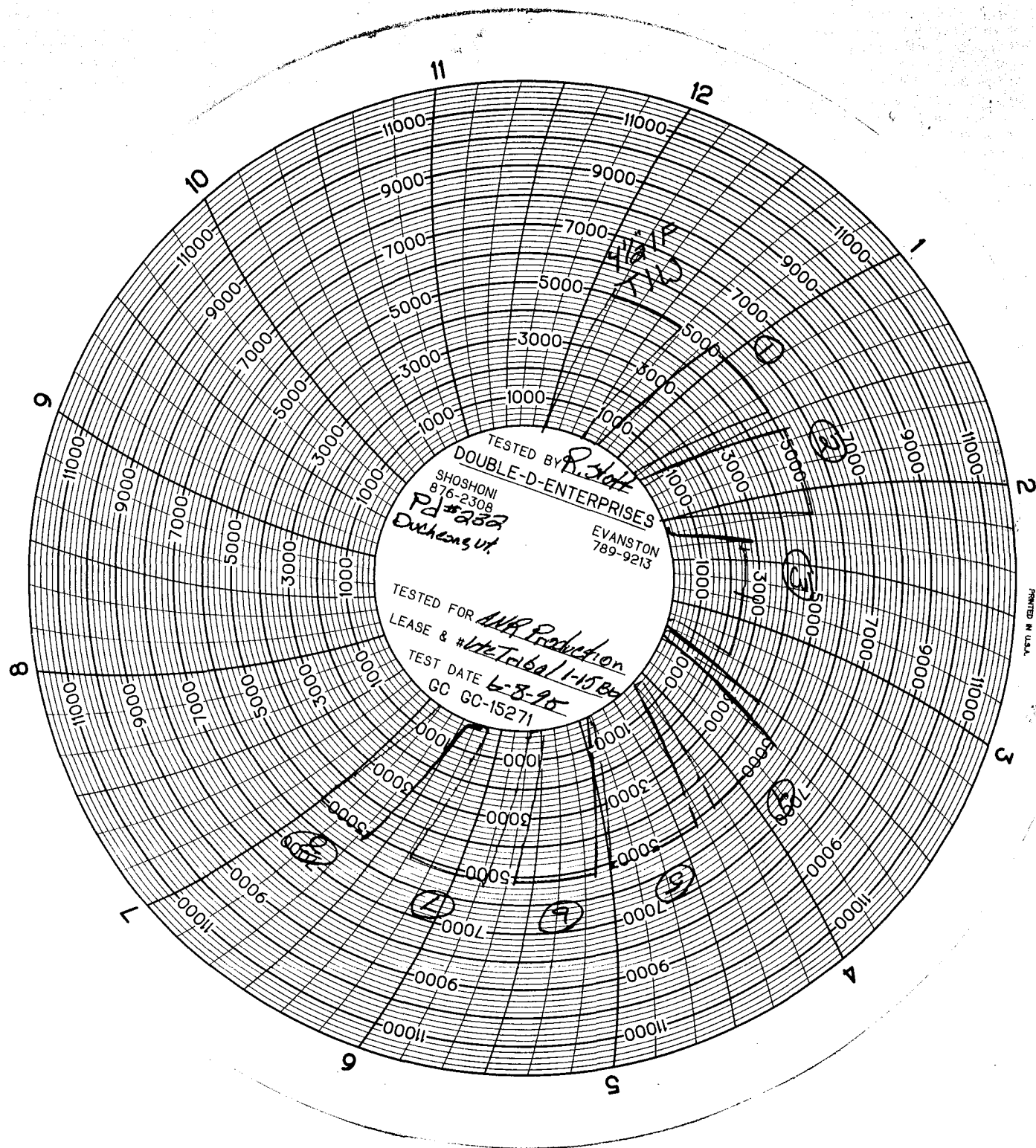
Copies of this report sent to:

Utah Oil & Gas Commission
Location

Original chart & test report on file at:

Double Jack Testing
P.O. Box 828
Vernal, UT 84078
(801)781-0448



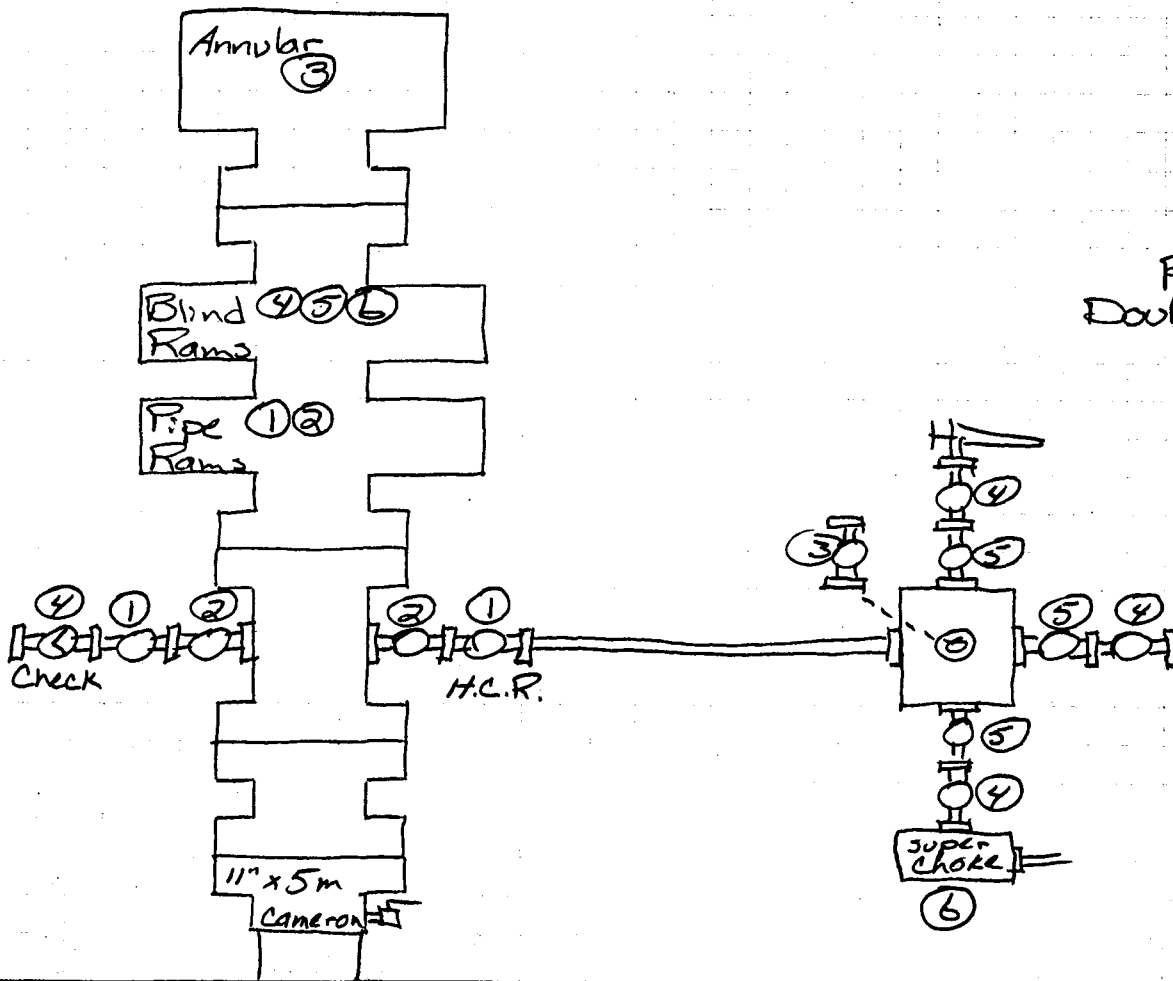


A.M.P. Production
Ute Tribal 1-15Bb
Duchesne, Ut
2.15 T. as fr. 6W

6-7-95

Parker Drilling #230

- ① Pipe Rams + TIW + H.C.R. + mid. kill vlv
5000psi / 10min
- ② Pipe Rams + Inside B.O.P. + I.S. choke line vlv + I.S. kill vlv
5000psi / 10min
- ③ Annular + upright manifold vlv
2500psi / 10min
- ④ Blind Rams + O.S. Manifold vlv + Check vlv
5000psi / 10min
- ⑤ Blind Rams + I.S. Manifold vlv
5000psi / 10min
- ⑥ Blind Rams + super choke
5000psi / 10min
- ⑦ TIW - 3 1/2" IF
5000psi / 10min
- ⑧ Upper kelly vlv
5000psi / 10min



Rod Stot
Double Jack Testing
Thank You

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.

Use "APPLICATION FOR PERMIT" - for such proposals

FORM APPROVED

Budget Bureau No. 1004-0135

Expires: March 31, 1993

5. Lease Designation and Serial No.

14-20-H62-4647

6. If Indian, Allottee or Tribe Name

Ute

7. If Unit or CA, Agreement Designation

N/A

8. Well Name and No.

Ute #1-15B6

9. API Well No.

43-013-31484

10. Field and Pool, Or Exploratory Area

Altamont

11. County or Parish, State

Duchesne, Utah

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well
 ☐ Gas Well
 ☐ Other

2. Name of Operator

ANR Production Company

3. Address and Telephone No.

P. O. Box 749, Denver, CO 80201-0749

(303) 573-4476

4. Location of Well (Footage, Sec., T., R., M., Or Survey Description)

1401' FSL & 1295' FWL

Section 15, T2S-R6W

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
- ☒ Subsequent Report
- ☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
- ☐ Recompletion
- ☐ Plugging Back
- ☐ Casing Repair
- ☐ Altering Casing
- ☒ Other Spud Notice

- ☐ Change of Plans
- ☐ New Construction
- ☐ Non-Routine Fracturing
- ☐ Water Shut-Off
- ☐ Conversion to Injection
- ☐ Dispose Water

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

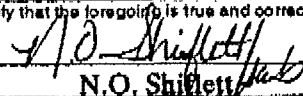
13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markets and zones pertinent to this work.)

Drill 67' 26" hole on 3/31/95. Set 67' 20" 0.25 thick conductor csg. Cmt csg w/Western Co. w/300 sx "G" w/3% CaCl₂, 1/4# /sx Celloseal. Displace w/17.7 bbls H₂O. Circ 25 bbls cmt to pit, 121 sx. Cmt top @ GL. Left +/- 20 cmt inside conductor.

Drlg, spud well @ 9:00 a.m. on 4/7/95.

14. I hereby certify that the foregoing is true and correct

Signed



N.O. Shifflett

Title District Drilling Manager

Date

04/10/95

(This space for Federal or State office use)

APPROVED BY

Conditions of approval, if any:

NOTED

Title

Date

APR 19 1995

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See instruction on Reverse Side

303-573-4417
COASTAL OIL & GAS CORP
SEP 95 14:31 No.009 P.02

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
ENTITY ACTION FORM - FORM 6

OPERATOR ANR Production Company
ADDRESS P.O. Box 749
Denver, CO 80201-0749

OPERATOR ACCT. NO. N0675

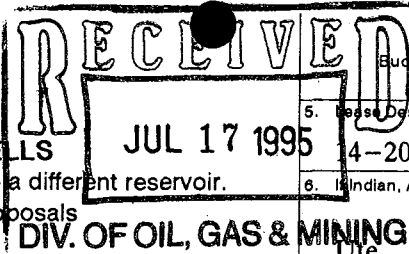
ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION				COUNTY	SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG			
A	99999	11810	43-013-31484	Ute #1-15B6	NWSW	15	2S	6W	Duchesne	3/31/95	3/31/95
WELL 1 COMMENTS: Entity added 9-5-95 Lec											
WELL 2 COMMENTS:											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

- ACTION CODES (See instructions on back of form)
- A - Establish new entity for new well (single well only)
 - B - Add new well to existing entity (group or unit well)
 - C - Re-assign well from one existing entity to another existing entity
 - D - Re-assign well from one existing entity to a new entity
 - E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

Spika Bremer
Signature
Sr. Drilling Secretary
Title
04/03/95
Date
Phone No. (303) 573-4433

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT



FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993
5. Lease Designation and Serial No.

14-20-H62-4647

6. Indian, Abtee or Tribe Name

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.

Use "APPLICATION FOR PERMIT" - for such proposals

DIV. OF OIL, GAS & MINING

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

ANR Production Company

3. Address and Telephone No.

P. O. Box 749, Denver, CO 80201-0749

(303) 573-4476

4. Location of Well (Footage, Sec., T., R., M., Or Survey Description)

1401' FSL & 1295' FWL

Section 15, T2S-R6W

7. If Unit or CA, Agreement Designation

N/A

8. Well Name and No.

Ute #1-15B6

9. API Well No.

43-013-31484

10. Field and Pool, Or Exploratory Area

Altamont

11. County or Parish, State

Duchesne, Utah

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Drilling Operations

☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markets and zones pertinent to this work.)*

Please see the attached chronological history for drilling operations performed on the subject well.

14. I hereby certify that the foregoing is true and correct

Signed

Sheila Bremer

Title Environmental & Safety Analyst

Date

07/14/95

(This space for Federal or State office use)

APPROVED BY

Title

Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

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Use "APPLICATION FOR PERMIT" - for such proposals

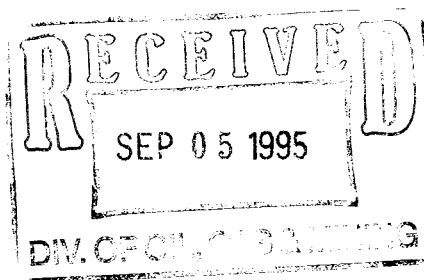
SUBMIT IN TRIPLICATE

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Designation and Serial No. 14-20-H62-4647
2. Name of Operator ANR Production Company	6. If Indian, Alottee or Tribe Name Ute
3. Address and Telephone No. P. O. Box 749, Denver, CO 80201-0749 (303) 573-4476	7. If Unit or CA, Agreement Designation N/A
4. Location of Well (Footage, Sec., T., R., M., Or Survey Description) 1401' FSL & 1295' FWL Section 15, T2S-R6W	8. Well Name and No. Ute #1-15B6
	9. API Well No. 43-013-31484
	10. Field and Pool, Or Exploratory Area Altamont
	11. County or Parish, State Duchesne, Utah

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Other 1st production, 1st sales	<input type="checkbox"/> Dispose Water
(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)		

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markets and zones pertinent to this work.)*

Date of first production for this well was 7/30/95. Date of first sales was August 2, 1995.



14. I hereby certify that the foregoing is true and correct		
Signed <u>Bonnie Johnston</u>	Title Senior Environmental Analyst	Date 08/30/95
(This space for Federal or State office use)		
APPROVED BY _____	Title _____	Date _____
Conditions of approval, if any:		

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

***See Instruction on Reverse Side**

(June 1990)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

FORM APPROVED
Budget Bureau No. 1004-0135

Expires: March 31, 1993

5. Lease Designation and Serial No.

14-20-H62-4647

6. If Indian, Alottee or Tribe Name

Ute

7. If Unit or CA, Agreement Designation

N/A

8. Well Name and No.

Ute #1-15B6

9. API Well No.

43-013-31484

10. Field and Pool, Or Exploratory Area

Altamont

11. County or Parish, State

Duchesne, Utah

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.

Use "APPLICATION FOR PERMIT" - for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

ANR Production Company

3. Address and Telephone No.

P. O. Box 749, Denver, CO 80201-0749

(303) 573-4455

4. Location of Well (Footage, Sec., T., R., M., Or Survey Description)

1401' FSL & 1295' FWL

Section 15, T2S-R6W

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**TYPE OF SUBMISSION**

- ☐ Notice of Intent
- ☒ Subsequent Report
- ☐ Final Abandonment Notice

TYPE OF ACTION

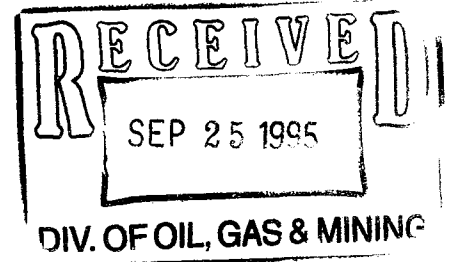
- ☐ Abandonment
- ☐ Recompletion
- ☐ Plugging Back
- ☐ Casing Repair
- ☐ Altering Casing
- ☒ Other Completion Operations

- ☐ Change of Plans
- ☐ New Construction
- ☐ Non-Routine Fracturing
- ☐ Water Shut-Off
- ☐ Conversion to Injection
- ☐ Dispose Water

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markets and zones pertinent to this work.)*

Please see the attached chronological history for completion operations performed on the subject well.



14. I hereby certify that the foregoing is true and correct

Signed

Sheila Bremer

Title

Environmental & Safety Analyst

Date

09/22/95

(This space for Federal or State office use)

APPROVED BY

Title

Date

Conditions of approval, if any:

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***See Instruction on Reverse Side**

ANR PRODUCTION COMPANY
CHRONOLOGICAL HISTORY

UTE #1-15B6

SECTION 15-T2S-R6W

Altamont Field
Duchesne County, UT
Parker #232/Anchor
WI: 99.723363% ANR AFE: 00606
ATD: 15,110' SD: 4/7/95
Csg: 20" @ 87', 13 3/8" @ 1135', 9 5/8" @ 7200',
7" @ 10,565', 5" @ 14,498'
DHC(M\$): 2,092.0

- 3/3/95 **Bldg location & road.** Bldg location & road. Blasting road & location. Hauling fill from pit run to meadow for road. Bridge = \$128,902 (includes everything). CC: \$194,656.
- 3/6/95 **Build road & location.** Build road & location. CC: \$195,769.
- 3/7/95 **Build road & location.** Build road & location. CC: \$196,140.
- 3/10/95 **Build road & location.** Build road & location. Install cattle guard @ Hwy entrance & cattle guard xing over irrigation line. All work on location is drlg & shooting prior to pushing it off w/equipment. CC: \$251,912.
- 3/17/95 **Build road & location.** Build road & location. CC: \$292,719.
- 3/24/95 **Bldg location & road.** Bldg location & road. CC: \$338,456.
- 3/31/95 **67' Build road & location.** Build loc & road. Drill 67' 26" hole. Set 67' 20" 0.25 thick conductor csg. Cmt csg w/Western Co. w/300 sx "G" w/3% CaCl₂, 1/4# Celloseal. Displace w/17.7 bbls H₂O. Circ 25 bbls cmt to pit, 121 sx. Cmt top @ GL. Left ±20 cmt inside conductor. Will finish location & reserve pit today 3/31/95 & dig cellar & set cellar ring. Breakdown on location costs: drlg & shooting \$10,513; Location (dozers, blade, hoe) \$15,560; Haul gravel for road & gravel \$9899. CC: \$359,526.
- 4/4/95 **67' RURT.** MI Parker Rig #232 & RURT. Have to pull all loads up w/cat & grader. Have sub set. CC: \$365,050.
- 4/6/95 **87' KB RURT.** RURT & raise derrick. Have all rig set in & most all DP on hill. Had to pull all loads up hill w/cat & grader. CC: \$407,967.
- 4/7/95 **87' RURT.** RURT. CC: \$418,869.
- 4/8/95 **530' Drlg. 443'/20 1/2 hrs.** PU BHA & weld on conductor. Drlg, svy. Drlg. Spudded well @ 9:00 AM on 4/7/95. MW 8.4, VIS 27, pH 8.5, ALK 0.02/0.05, CL 200, Ca 72. Svy: 1/2° @ 200'. CC: \$442,177.
- 4/9/95 **988' Drlg. 458'/23 hrs.** Svy (miss run). Drlg, svy @ 515'. Drlg. MW 8.4, VIS 27, pH 8, ALK 0.02/0.04, CL 250, Ca 220. Svy: 3/4° @ 515'. CC: \$451,013.
- 4/10/95 **1135' WO cmt. 147'/12 1/2 hrs.** Drlg, svy. Drlg to 1135'. Circ & cond. POOH. RU Westates & run 26 jts 13 3/8" 54.5# J-55 ST&C w/Howco shoe & float, total string 1179.86', w/3 cent, set on btn 1135'. Circ & RD Westates. Cmt w/Halliburton. Lead w/640 sx HLC w/3% CaCl₂ & 1/4#/sx Flocele, wt 12.4, yld 1.97. Tail w/580 sx Type V w/2% CaCl₂ & 2#/sx Cap-seal, wt 15.6, yld 1.20. Displ w/172 bbls wtr. Plug bumped, floats held, good ret 150 bbls cmt to surface. Job complete @ 4:20 AM 4/10/95. Top job w/80' 1" 50 sx Type V w/2% CaCl₂, 15.8 ppg, hole full. WO cmt. MW 8.4, VIS 26, pH 8.8, ALK 0.04/0.08, CL 300, Ca 120. Svy: 1 1/4° @ 978'. CC: \$518,836.
- 4/11/95 **1135' Unloading hole w/air.** WO cmt. Cut off 20" & 13 3/8", weld on wellhead & test to 800 psi. NU BOP & rot hd. PU BHA & TIH. Drill float, cmt & shoe. Unload hole w/air. MW 8.4, VIS 27, pH 10, ALK 0.08/0.16, CL 300, Ca 240, air 1500 CFM. CC: \$567,205.
- 4/12/95 **2300' Drlg w/aerated wtr. 1165'/22 hrs.** DO shoe. Drlg, svy. Drlg, svy. Drlg. MW 8.4, VIS 27, pH 10.5, ALK 0.4/0.6, CL 600, Ca 220, air 1700 CFM. Svys: 2 1/4° @ 1343', 3 1/2° @ 1873'. CC: \$585,730.

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- 4/13/95 **3000' Drlg w/wtr. 700'/22½ hrs.** Drlg w/aerated wtr, svy. Drlg w/aerated wtr, svy. Drlg w/wtr (no ret), svy. Drlg w/wtr (no ret). MW 8.4, VIS 27, pH 9, ALK 0.05/0.1, CL 300, Ca 56. Svys: 3¼° @ 2342', 3¾° @ 2840', 3½° @ 2930'. CC: \$596,735.
- 4/14/95 **3390' Drlg w/aerated wtr. 390'/18½ hrs.** Drlg w/aerated wtr, RS. Drlg w/wtr. TFNB. Drlg w/wtr, svy. Drlg w/aerated wtr. MW 8.4, VIS 27, pH 9.5, ALK 0.1/0.2, CL 300, Ca 56, air 1700 CFM. Svy: 3¼° @ 3220'. CC: \$617,945.
- 4/15/95 **3750' Drlg w/aerated wtr. 360'/23 hrs.** Drlg w/wtr (part ret), RS. Drlg w/wtr (part ret), svy. Drlg w/wtr & aerated wtr. MW 8.4, VIS 27, pH 9.5, ALK 0.1/0.14, CL 500, Ca 88, air 1700 CFM. Svy: 4¼° @ 3529'. CC: \$629,024.
- 4/16/95 **4000' Drlg w/aerated wtr. 250'/23½ hrs.** Drlg w/wtr w/part ret. RS & svy. Drlg w/wtr & aerated wtr. MW 8.4, VIS 27, pH 9.5, ALK 0.16/0.21, CL 300, Ca 120, air 1700 CFM. Svy: 4° @ 3784'. CC: \$640,950.
- 4/17/95 **4130' Drlg w/aerated wtr. 130'/17 hrs.** Drlg w/wtr, svy. Drlg w/wtr, RS. Drlg w/wtr. TFNB. W&R 30' to btm. Drlg w/aerated wtr. MW 8.4, VIS 27, pH 9.5, ALK 0.08/0.14, CL 300, Ca 100, air 1700 CFM. Svy: 4½° @ 4005'. CC: \$668,276.
- 4/18/95 **4360' Drlg. 230'/19½ hrs.** Drlg w/aerated wtr, RS, svy. Drlg w/aerated wtr, svy. Drlg w/wtr, svy. Drlg. POOH for hole in DP (26th std). Drlg w/aerated wtr. MW 8.4, VIS 27, pH 10, ALK 0.2/0.25, CL 300, Ca 142, air 1700 CFM. Svys: 4¾° @ 4164', 4½° @ 4227', 4¾° @ 4294'. CC: \$679,272.
- 4/19/95 **4505' Drlg. 145'/17 hrs.** Drlg w/wtr, RS. Drlg w/wtr, svy. Drlg w/wtr, svy. TFNB. Drlg w/aerated wtr. MW 8.4, VIS 27, pH 10, ALK, 0.12/0.18, CL 250, Ca 128, air 1700 CFM. Svys: 4¼° @ 419', 4° @ 4450'. CC: \$714,947.
- 4/20/95 **4760' Drlg w/aerated wtr. 255'/22 hrs.** Drlg w/aerated wtr, RS. Drlg w/wtr, svy. Drlg w/wtr, svy. Drlg w/aerated wtr, svy. Drlg w/aerated wtr. MW 8.4, VIS 27, pH 9.5, ALK 0.09/0.12, CL 250, Ca 160, air 1700 CFM. Svys: 4° @ 4575', 4° @ 4640', 4° @ 4702'. CC: \$726,714.
- 4/21/95 **4937' Drlg w/aerated wtr. 177'/19 hrs.** Drlg w/aerated wtr, RS. Drlg w/wtr. Trip for hole in DP (33 stds). Drlg w/wtr, svy. Drlg w/aerated wtr, svy. MW 8.4, VIS 27, pH 10, ALK 0.04/0.06, CL 250, Ca 150, air 1700 CFM. Svys: 4½° @ 4797', 4° @ 4892'. CC: \$742,426.
- 4/22/95 **5118' Drlg w/aerated wtr. 181'/22½ hrs.** Drlg w/aerated wtr, RS. Drlg w/wtr, svy. Drlg w/wtr, svy. Drlg w/aerated wtr. Uintah 70% ss, 20% ss, 10% ls, BGG 1, CG 2, no shows. Brown Mud Logging on @ 5000' 4/21/95. MW 8.4, VIS 27, pH 10, ALK 0.05/0.1, CL 250, Ca 200. Svys: 4° @ 4985', 4¼° @ 5048'. CC: 754,213.
- 4/23/95 **5286' Drlg w/aerated wtr. 168'/16 hrs.** Drlg w/wtr. POOH & change BHA, TIH. Drlg w/wtr, svy. Drlg w/wtr, svy. Drlg w/aerated wtr. Uintah 50% sh, 40% ss, 10% ls, BGG 1, CG 2, TG 4, no shows. MW 8.4, VIS 27, pH 10, ALK 0.07/0.1, CL 250, Ca 260, air 1700 CFM. Svys: 4° @ 5165', 3½° @ 5227'. CC: \$781,518.
- 4/24/95 **5583' Drlg. 297'/22 hrs.** Drlg w/aerated wtr, svy. Drlg w/wtr, svy. Drlg w/wtr, svy. Drlg w/wtr, svy. Drlg w/aerated wtr. Green River 50% sh, 40% ss, 10% ls, BGG 1, CG 2, no shows. Top of Green River @ 5310'. MW 8.4, VIS 27, pH 10.5, ALK 0.15/0.3, CL 300, Ca 352, air 1700 CFM. Svys: 3° @ 5290', 2¾° @ 5355', 3° @ 5447', 3° @ 5541'. CC: \$791,295.
- 4/25/95 **5701' LD fishing tools. 118'/12 hrs.** Drlg w/wtr, RS. Drlg w/wtr, svy. Drlg w/wtr, twisted off. POOH, LD jars & 1 DC, left 17 DC's in hole. PU 8¾" overshot, bumper sub, jars & 3 8½" DC. TIH. Fishing @ 5172'. POOH w/fish & LD tool. Green River 50% sh, 50% ss, BGG 1, CG 2, no shows. MW 8.4, VIS 27, pH 10.5, ALK 0.19/0.28, CL 300, Ca 300. Svy: 3° @ 5635'. CC: \$802,020.
- 4/26/95 **5850' Drlg w/wtr. 149'/11½ hrs.** Magnaflux. Break out & LD fishing tools. TIH, PU 5 DC's, jars & shock. W&R 5630'-5701'. Drlg, svy. Drlg, svy. Drlg. Green River 50% ss, 50% sh, BGG 1, CG

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- 2, TG 4. MW 8.4, VIS 27, pH 10.5, ALK 0.12/0.15, CL 300, Ca 240. Svys: 1¼° @ 5734', 1¼° @ 5818'. CC: \$833,434.
- 4/27/95 **6121' Drlg w/wtr. 271'/22½ hrs.** Drlg w/aerated wtr, svy. Drlg w/aerated wtr, svy. Drlg w/wtr, svy. Green River 50% ss, 50% sh, BG 2, CG 10. Shows: #1 5886-94', P/R 5½-3½-4, F/G 1-10-2, no fluor, oil, or cut; #2 5946-56', P/R 5½-1-5, F/G 2-20-2, no fluor, oil, or cut. MW 8.4, VIS 27, pH 10.5, ALK 0.16/0.22, CL 300, Ca 280. Svys: 1¼° @ 5916', 1¼° @ 6010', 1¼° @ 6107'. CC: \$846,348.
- 4/28/95 **6400' Svy. 279'/22½ hrs.** Drlg, RS. Drlg, svy. Drlg, svy. Green River 60% ss, 40% sh, BGG 20, CG 60, no shows. MW 8.4, VIS 27, oil 64%, pH 10, ALK 0.64/1.4, CL 800, air 1700 CFM. Svys: 2° @ 6292', 2° @ 6385'. CC: \$858,850.
- 4/29/95 **6653' TFNB. 253'/22 hrs.** Drlg, RS. Drlg, svy. Drlg, TFNB. Green River 70% ss, 30% sh, BGG 30, CG 130. Shows: #3 6392-432', P/R 8½-1½-7½, F/G 20-50-30, no oil, fluor or cut; #4 6478-90', P/R 5-2-5, F/G 30-50-30, no oil, fluor or cut. MW 8.4, VIS 27, pH 10.5, ALK 2.8/5.4, CL 3,000, Ca 6. Svy: 1¼° @ 6541'. CC: \$874,867.
- 4/30/95 **6707' Drlg w/wtr. 55'/4 hrs.** TFNB. Cut drlg line. TIH. W&R 60' to btm. Drlg (lost 400 psi). Check surf equip. Trip for hole in wt pipe. 2nd trip for hole in wt pipe. Drlg w/wtr. Green River 70% ss, 30% sh. MW 8.4, VIS 27, pH 10.5, ALK 3.3/5, CL 3,400, Ca 24. CC: \$902,231.
- 5/1/95 **6965' Drlg w/aerated wtr. 258'/19 hrs.** Drlg w/wtr. Trip for hole in DP (60 stds). Wash 20' to btm, no fill. Drlg w/aerated wtr. Svy. Drlg w/aerated wtr. Green River 70% ss, 30% sh, BGG 60, CG 200, TG 320. Shows: #5 6774-80', P/R 3½-2-3, F/G 50-100-60, no oil, fluor or cut; #6 6852-66', P/R 6-1½-5½, F/G 50-140-60, no oil, fluor or cut. MW 8.4, VIS 27, pH 10.5, ALK 0.3/0.5, CL 3,300, Ca 30, air 1700 CFM. Svy: 1¼° @ 6862'. CC: \$911,783.
- 5/2/95 **7200' LD DC. 235'/15½ hrs.** Drlg w/aerated wtr, RS. Drlg w/wtr. Circ. Short trip 10 stds, no fill. Circ & spot Hi-vis sweep on btm. POOH for 9½" csg, SLM. RU Westate & LD DP & DC. Green River 70% ss, 30% sh, no returns, no shows. MW 8.4, VIS 27, pH 10.8, ALK 5.4/10.6, CL 7,500, Ca 38. CC: \$924,112.
- 5/3/95 **7200' NU BOP. LD 8" DC.** RU Westates & ran 173 jts 9½" 40# CF-95 LT&C & butt w/Howco shoe & float, total string 7219.57', centralizers on 1st 10 jts. Circ csg w/no ret @ 7200'. Cmt w/Halliburton. Lead 840 sx HLC w/3% CaClz & 3#/sx Capseal, wt 12.4, yld 1.88. Tail w/480 sx Type V w/2% CaClz & 2#/sx Capseal, wt 15.6, yld 1.18. Disp w/543 BW. Plug bumped, floats held, no ret. Job complete @ 7:34 PM on 5/2/95. PU BOP, set slips on 9½" & cut off. NU csg spool & test to 2000 psi, NU BOP. MW 8.4, VIS 27, pH 10.8, ALK 5/10.6, CL 7,500, Ca 36. CC: \$1,120,593.
- 5/4/95 **7215' Drlg. 15'/2½ hrs.** Press kelly valves, BOP's & chk to 5000, hydril to 2500. Test csg to 1800 & set wear ring. PU BHA - new wt pipe & 65 jts G DP on TIH. Drlg float, cmt & shoe. Drlg. Green River 50% ss, 50% sh, BGG 0, CG 0, TG 5. MW 8.4, VIS 27, pH 10.8, ALK 5/9.9, CL 7,500, Ca 32. CC: \$1,137,605.
- 5/5/95 **7435' Drlg. 220'/15 hrs.** Drlg. TFNB & BHA, put rubbers on DP. W&R to btm. Drlg. Green River 50% ss, 50% sh, BGG 6, CG 100, TG 20. Show #7 7260-78', P/R 4½-1½-3½, F/G 2-75-6, no oil, fluor, or cut. MW 8.4, VIS 27, pH 10.5, ALK 4.5/9.5, CL 7,000, Ca 20, air 1700 CFM. Svy: 2¼° @ 7200'. CC: \$1,153,258.
- 5/6/95 **7690' Drlg w/aerated wtr. 255'/22½ hrs.** Svy. Drlg, RS. Drlg, svy. Drlg. Green River 60% ss, 40% sh, BGG 10, CG 125. Shows: #8 7506-18', P/R 7-3-4½, F/G 6-260-10, no oil, TR fluor, wk cut; #9 7562-78', P/R 10-2½-10, F/G 10-40-10, no oil, TR fluor, wk cut. MW 8.4, VIS 27, pH 10.7, ALK 5/10.1, CL 7,200, Ca 34, air 1900 CFM. Svys: 1½° @ 7420', 1½° @ 7665'. CC: \$1,163,696.
- 5/7/95 **7968' Drlg w/aerated wtr. 278'/23½ hrs.** Drlg, RS. Drlg. Green River 50% ss, 50% sh, BGG 5, CG 100, no shows. MW 8.4, VIS 27, pH 10.5, ALK 4.5/9.2, CL 7,000, Ca 28, air 1900 CFM. CC: \$1,176,035.

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- 5/8/95 **8170' TIH. 202'/17 hrs.** Drlg, RS. Drlg, svy. Drlg. POOH. Change bit & TIH. Cut drlg line. Green River 50% ss, 50% sh, BGG 10, CG 150, no shows. MW 8.4, VIS 27, pH 10.5, ALK 4.8/8.8, CL 7,300, Ca 40. Svy: 1 3/4° @ 8067'. CC: 1,186,011.
- 5/9/95 **8500' Drlg w/aerated wtr. 330'/21 hrs.** TIH, RS. TIH, W&R 60' to btm. Drlg, svy. Drlg. Green River 40% ss, 40% sh, 20% ls, BGG 100, CG 300, TG 600. Shows: #10 8120-40', P/R 4 1/2-2-3 1/2, F/G 10-40-10, TR brwn oil, TR fluor, wk cut; #11 8184-212', P/R 4 1/2-1 1/2-3 1/2, F/G 50-200-100, fair amt brwn oil, TR fluor, wk cut; #12 8400-20', P/R 3 1/2-1-4, F/G 100-200-100, no oil, TR fluor, wk cut. MW 8.4, VIS 27, pH 10.5, ALK 4.5/8.9, CL 7,000, Ca 40, air 1900 CFM. Svy: 2 1/4° @ 8411'. CC: \$1,213,932.
- 5/10/95 **8925' Drlg w/aerated wtr. 425'/22 1/2 hrs.** Drlg, RS. Drlg, svy. Drlg, svy. Drlg. Green River 70% sh, 20% ss, 10% ls, BGG 50, CG 150. Shows: #13 8530-46', P/R 7 1/2-2-6 1/2, F/G 50-80-50, TR blk oil, TR fluor, wk cut; #14 8554-62', P/R 7-1 1/2-4 1/2, F/G 50-120-50, no oil, TR fluor, wk cut; #15 8618-36', P/R 5-1 1/2-5, F/G 50-100-50, no oil, TR fluor, wk cut. MW 8.4, VIS 27, pH 10.5, ALK 4.1/9.1, CL 8,100, Ca 40, air 1900 CFM. Svys: 2 1/2° @ 8625', 3° @ 8874'. CC: \$1,232,953.
- 5/11/95 **9247' TFNB. 322'/18 hrs.** Drlg w/aerated wtr, RS. Drlg w/aerated wtr, svy. Drlg w/aerated wtr, svy. POOH. Green River 80% sh, 10% ss, 10% ls, BGG 50, CG 125. MW 8.4, VIS 27, pH 10.5, ALK 4.4/9.8, CL 8,800, Ca 38, air 1900 CFM. Svys: 3 1/4° @ 9060', 4° @ 9216'. CC: \$1,243,053.
- 5/12/95 **9547' Drlg w/aerated wtr. 300'/17 hrs.** Change bit & TIH, PU 27 jts E DP. W&R 55' to btm. Drlg, svy. Drlg. Green River 90% sh, 10% ls, BGG 125, CG 300, TG 1,000. Shows: #16 9310-32', P/R 5-1 1/2-6, F/G 100-175-125, no oil, TR fluor, wk cut; #17 9456-76', P/R 4-2-4, F/G 125-200-125, no oil, TR fluor, wk cut. MW 8.4, VIS 27, pH 10, ALK 3.9/9.2, CL 8,600, Ca 40, air 1900 CFM. Svy: 3 1/2° @ 9349'. CC: \$1,265,865.
- 5/13/95 **9805' Drlg w/wtr. 258'/21 hrs.** Drlg, RS, svy. Drlg, air off @ 9668', svy. Drlg. Green River 80% sh, 10% ss, 10% ls, BGG 10, CG 40. Show #18 9552-64', P/R 3 1/2-1-6, F/G 125-270-125, TR brown oil, TR fluor, fair cut. MW 8.4, VIS 27, pH 10, ALK 3.1/8.9, CL 9,500, Ca 24. Svys: 3 3/4° @ 9535', 3 1/4° @ 9745'. CC: \$1,283,758.
- 5/14/95 **10,002' Trip in w/magnet. 197'/16 hrs.** Drlg, RS. Drlg. POOH for bit (lost the nose off all 3 cones). TIH w/magnet. Green River 60% ss, 40% sh, BGG 10, CG 40. Shows: #19 9876-94', P/R 4 1/2-1 1/2-4 1/2, P/R 10-40-10, no oil, TR fluor, wk cut; #20 9908-18', P/R 6-2-5, F/G 10-30-10, no oil, TR fluor, wk cut. MW 8.4, VIS 27, pH 10, ALK 1.5/7, CL 8,000, Ca TR. Svy: 3 3/4° @ 9962'. CC: \$1,297,315.
- 5/15/95 **10,025' Drlg. 23'/2 hrs.** TIH w/magnet. Wash 150' to btm & work magnet. POOH. Change BHA & TIH. W&R 9410'-10,002'. Drlg. Green River 70% sh, 20% ss, 10% ls, BGG 10, CG 40, TG 1200, no shows. MW 8.4, VIS 26, pH 10, ALK 1.6/6.6, CL 8,000, Ca 132. CC: \$1,311,590.
- 5/16/95 **10,257' Jar on stuck pipe. 232'/16 hrs.** Drlg, RS. Drlg, mud up 10,208'. Svy. Jar on stuck pipe, bit @ 10,202', circ w/full ret. Wasatch 80% sh, 10% ss, 10% ls, BGG 15, CG 40. Wasatch top @ 10,236'. Shows: #21 10,058-68', P/R 4 1/2-2-5, F/G 10-30-10, no oil, TR fluor, wk cut; #22 10,090-104', P/R 4-2 1/2-5, F/G 10-100-20, no oil, TR fluor, wk cut; #23 10,050-62', P/R 4 1/2-2-4, F/G 20-50-20, no oil, TR fluor, wk cut. MW 8.5, VIS 34, pH 10, ALK 1.4/6.8, CL 7,900, Ca TR. Svy: 3 1/4° @ 10,241'. CC: \$1,319,200.
- 5/17/95 **10,257' POOH.** Jar on stuck pipe, spot oil & pipe free, no movement. RU Dia-log, freepoint stuck @ IBS (10,121'). Part free @ 10,010', try to back off, free @ 9867'. Backed off & left bit, bit sub, shock, 2 DC, IBS & 9 DC in hole. Circ w/full ret. POOH. MW 9, VIS 39, FL 21.2, PV 10, YP 8, solids 4.5%, pH 10, ALK 1.6/5.5, CL 6,800, Ca 40, gels 5/10, wall cake 2/32ND. CC: \$1,341,292.
- 5/18/95 **10,257' TIH open ended.** POOH w/13 out of 24 DC's. Magnaflux DC, btm pin cracked. Cut drlg line. TIH. W&R, circ 9732'-9867'. Screw into & jar on fish. Jarred off & couldn't screw back in. POOH & LD tools. TIH to set cmt plug. MW 9, VIS 34, FL 18.4, PV 7, YP 5, oil 2%, solids 3%, pH 10, ALK 1.5/5.3, CL 7,500, Ca 30, gels 6/12, wall cake 2/32ND. CC: \$1,354,282.

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- 5/19/95 **10,257' W&R from 9004'.** TIH to set cmt plug (PU 22 DP). Circ @ 9867' (top of fish). Cmt w/Halliburton w/185 sx Prem H w/5% salt & 0.5% CFR3, wt 17.5, yld 0.95. Disp w/122 bbls. Mud plug was balanced. Job comp @ 10:21 AM 5/18/95. POOH. WO cmt. PU mud motor & BHA. TIH, break circ @ 8870, tag bridge @ 9004' (started to W&R from 9004' @ 6:00 AM). MW 9, VIS 34, PV 7, YP 5, oil 2%, solids 3%, pH 10, ALK 1.3/5.3, CL 7,400, Ca 20, gels 5/10, wall cake 2/32ND. CC: \$1,389,760.
- 5/20/95 **9710' Drlg w/mud motor. 152'14½ hrs.** W&R from 9004' to cmt @ 9471'. Dress off plug to 9558'. Svy & orient tools 9523'. Drlg w/mud motor (sliding), time drlg. Circ. Svy @ 9606'. Drlg w/mud motor (rot). Circ. Svy @ 9637'. Drlg w/mud motor (sliding), time drlg. 60% fm, 40% cmt. MW 9, VIS 36, FL 8.4, PV 9, YP 5, oil 2%, solids 3%, pH 10, ALK 1.4/5, CL 7,400, Ca 20, gels 2/8, wall cake 2/32ND. Svys: 3½° S.05W @ 9523', 4° S15W @ 9606', 3½° S @ 9637'. CC: \$1,399,481.
- 5/21/95 **9867' POOH. 157'11 hrs.** Time drlg 9710'-9775' (sliding). Svy @ 9730'. Drlg w/20,000 on bit, 100% fm, rot & slide 9775'-9856', bit wouldn't drill, probably on fish. Svy @ 9826'. POOH to set cmt plug, tight on btm. Pmpd out 7 jts 9867'-9616'. TIH OE to set plug. Buttons broken on bit #14 from drlg on fish. MW 9.2, VIS 38, FL 8.5, PV 8, YP 5, oil 2%, solids 3%, pH 11, ALK 2.4/4.8, CL 7,500, Ca 36, gels 2/4, wall cake 2/32ND. Svys: 5° S @ 9730', 5° S07W @ 9826'. CC: \$1,409,734.
- 5/22/95 **9574' Time drlg. 17'3 hrs.** TIH OE to set plug. Circ @ 9867'. Cmt w/Halliburton. Pmpd 30 bbls FW ahead of 225 sx "H" w/5% salt & 0.5% CFR3, wt 17.5, yld 0.95. Displ w/133 bbls mud. Plug was balanced, job comp @ 10:20 AM 5/21/95. POOH, WO cmt. PU Drilex 1.65° bent housing mud motor & TIH. Wash 9267'-9547' (solid cmt), 310' plug. Dress cmt 9547'-9557'. Time drlg 5-6'/hr (sliding). MW 9.1+, VIS 40, FL 8.2, PV 10, YP 10, oil 2%, solids 3%, pH 12, ALK 2.5/4.2, CL 7,500, Ca TR, gels 3/7, wall cake 2/32ND. CC: \$1,438,723.
- 5/23/95 **9698' Time drlg. 124'23 hrs.** Time drlg (sliding). Svy @ 9640'. Time drlg (sliding). Samples 50/50 shale & cmt. Drag 45,000 up, 10,000 down. MW 9.2, VIS 40, FL 7.4, PV 7, YP 15, oil 2%, solids 3%, pH 12, ALK 2.6/4.2, CL 7,400, Ca 10, gels 2/7, wall cake 2/32ND. Svy: 2¼° @ 9640'. CC: \$1,447,875.
- 5/24/95 **9783' Time drlg. 85'21 hrs.** Drlg (sliding). Svy @ 9670'. Drlg (sliding). Svy @ 9702'. Drlg (sliding). Svy @ 9733'. Drlg (sliding). Samples 80-90% fm. Drag 45-50,000 up, 15-20,000 down. Differential press 150 psi. MW 9.2, VIS 38, FL 7.6, PV 10, YP 10, oil 2%, solids 3%, pH 11, ALK 2/3.4, CL 6,600, Ca 12, gels 1/5, wall cake 2/32ND. Svys: 3° @ 9670', 2° @ 9702', 3½° @ 9733'. CC: \$1,460,649.
- 5/25/95 **9917' PU new BHA. 134'16 hrs.** (New hole: 50'5 hrs.) Drlg (sliding) Svy @ 9764'. Drlg (sliding). Svy @ 9795'. Drlg (sliding), 2 hrs new hole from 9864', directional. Svy @ 9855'. Drlg (rot). POOH for bit & BHA. PU BHA. Green River 70% sh, 30% ss, BGG 5, CG 20. Shows: #19a 9858-68', P/R 7½-4-7, F/G 2-15-5, no oil, 30% fluor, TR cut; #20a 9896-908', P/R 10-3½-7½, F/G 5-25-10, no oil, 30% fluor, TR cut. MW 9.2, VIS 38, FL 7.8, PV 10, YP 8, oil 2%, solids 3%, pH 11, ALK 2/3.2, CL 6,600, Ca 20, gels 1/3, wall cake 1/32ND. Svys: 4° @ 9764', 4° @ 9795', 5½° @ 9855'. CC: \$1,490,142.
- 5/26/95 **10,000' Drlg. 83'10 hrs.** PU BHA & TIH. Cut drlg line. TIH, W&R 9667'-9917'. Drlg, svy. Drlg. Green River 60% sh, 40% ss, BGG 5, CG 10, TG 90. Show #21 9930-40', P/R 10-4-9, F/G 2-35-5, no oil, TR fluor, wk cut. MW 9.2, VIS 39, FL 7.8, PV 11, YP 10, oil 2%, solids 3%, pH 10.5, ALK 2/3.2, CL 6,000, Ca 20, gels 1/4, wall cake 1/32ND. Svy: 6¾° @ 9965'. CC: \$1,506,184.
- 5/27/95 **10,165' Svy. 165'20 hrs.** Drlg, RS & svy @ 9994'. Drlg, svy @ 10,025'. Drlg, svy @ 10,085'. Drlg, svy @ 10,150'. Green River 50% sh, 40% ss, 10% ls, BGG 8, CG 15. Shows: #22 10,018-30', P/R 9-5-7½, F/G 5-20-5, no oil, 20% fluor, fair cut; #23 10,058-68', P/R 8½-3-7, F/G 7-5-40, no oil, 30% fluor, fair cut; #24 10,088-96', P/R 6½-5½-6½, F/G 10-30-10, no oil, 20% fluor, TR cut. MW 9.2, VIS 39, FL 7.8, PV 12, YP 8, oil 2%, solids 3%, pH 10.5, ALK 0.7/1.3, CL 5,900, Ca 32, gels 2/6, wall cake 1/32ND. Svys: 6¾° @ 9994', 6½° @ 10,025', 5¾° @ 10,085'. CC: \$1,521,493'.
- 5/28/95 **10,260' Drlg. 95'14 hrs.** Svy. Drlg, RS. Drlg. TFNB. Wash 65' to btm, no fill. Drlg (Wasatch Top @ 10,240'). Svy. Drlg. Wasatch 80% sh, 10% ss, 10% ls, BGG 8, CG 15, TG 180. Show #25

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- 10,144-58', P/R 9½-2½-7½, F/G 8-40-8, no oil, 20% fluor, TR cut. MW 9.2, VIS 40, FL 7.9, PV 12, YP 8, oil 1%, solids 3%, pH 10.5, ALK 1.4/2.6, CL 5,900, Ca 10, gels 1/5, wall cake 1/32ND. Svys: 5¼° @ 10,150', 4¾° @ 10,240'. CC: \$1,536,892.
- 5/29/95 **10,440' Drlg. 180'/22½ hrs.** Drlg, RS. Drlg, svy. Drlg. Wasatch 60% sh, 30% ss, 10% ls, BGG 10, CG 20. Shows: #26 10,272-88', P/R 7½-4-8, F/G 10-30-10, no oil, 20% fluor, wk cut; #27 10,328-44', P/R 7½-3½-6½, F/G 10-60-10, no oil, 30% fluor, wk cut; #28 10,360-80', P/R 8-2½-6½, F/G 10-80-10, no oil, 30% fluor, wk cut. MW 9.2, VIS 37, FL 7.9, PV 10, YP 7, oil 1%, solids 3%, pH 10.5, ALK 1.1/2.2, CL 5,900, Ca 10, gels 1/3, wall cake 1/32ND. Svy: 4¼° @ 10,365'. CC: \$1,545,367.
- 5/30/95 **10,566' Drlg. 126'/22½ hrs.** Drlg, RS. Drlg, svy. Drlg. Wasatch 70% sh, 30% ss, BGG 10, CG 15. Show #29 10,470-82', P/R 10-4-10, F/G 10-15-10, no oil, 20% fluor, wk cut. MW 9.2, VIS 37, FL 7.9, PV 10, YP 5, solids 3%, pH 10.5, ALK 1.2/2.4, CL 5,800, Ca 10, gels 1/3, wall cake 1/32ND. Svy: 3¾° @ 10,460'. CC: \$1,553,392'.
- 5/31/95 **10,568' W&R @ 9300'. 2'½ hr.** Drlg. TFNB, RS. TIH. W&R 8543'-9300', increase mud wt to 9.5. Lost approximately 300 bbls of mud to seepage. MW 9.5, VIS 37, FL 7.9, PV 10, YP 5, oil 1%, solids 3%, pH 10, ALK 1.3/2.7, CL 5,800, Ca 10, gels 1/3, wall cake 1/32ND. CC: \$1,566,957.
- 6/1/95 **10,568' Work tight hole.** W&R 9300'-10,412'. Work tight hole @ 10,412'. Packed off. MW 9.6, VIS 38, FL 7.8, PV 8, YP 4, oil 1%, solids 4%, pH 10, ALK 0.8/2.4, CL 5,700, Ca 32, gels 1/2. CC: \$1,578,819.
- 6/2/95 **10,568' W&R @ 8581'.** Work tight hole 10,412'-10,102'. C&C. POOH to csg shoe @ 7200'. Cut drlg line. TIH, tight @ 8210'. W&R 8210'-8581'. MW 9.6, VIS 42, FL 8, PV 12, YP 7, oil 1%, solids 5%, pH 10, ALK 0.8/3.8, CL 5,900, Ca 48, gels 1/5, wall cake 1/32ND. CC: \$1,591,983.
- 6/3/95 **10,568' W&R @ 8856'.** W&R 8581'-8608'. POOH to csg shoe. Circ & incr MW to 9.8. Trip to LD IBS, shock & 12 DC. W&R 8238'-8856'. Lost 450 bbls mud in the last 24 hrs. MW 9.8, VIS 42, FL 8.5, PV 13, YP 10, oil 1%, solids 6%, pH 10, ALK 1/2.6, CL 5,800, Ca 52, gels 2/5, wall cake 1/32ND. CC: \$1,610,183.
- 6/4/95 **10,568' W&R @ 9259'.** W&R 8856'-9259'. Lost approx 200 bbls mud in last 24 hrs. MW 9.9, VIS 45, FL 8, PV 15, YP 13, oil 1%, solids 7%, pH 10, ALK 0.6/2.4, CL 5,400, Ca 24, gels 3/9, wall cake 2/32ND. CC: \$1,634,430.
- 6/5/95 **10,568' W&R @ 10,189'.** W&R from 9259'. RS. W&R to 10,189'. Lost approx 100 bbls mud in last 24 hrs. MW 9.9+, VIS 62, FL 7.8, PV 19, YP 24, oil 1%, solids 8%, pH 10, ALK 0.8/2, CL 5,200, Ca 40, gels 5/25, wall cake 2/32ND. CC: \$1,647,920.
- 6/6/95 **10,568' TIH w/7" liner on 4½" DP.** W&R 10,189'-10,568'. C&C. Short trip to 9½" csg (no tight spots). C&C. POOH to run liner. RU Westates & ran 83 jts 7" 26# CF-95 LT&C w/Howco PDF shoe & float & Baker hanger & csg pkr. Total string 3632.18', turbolators on every other jt. TIH w/7" liner on 4½" DP. MW 9.9+, VIS 42, FL 7.6, PV 14, YP 11, oil 1%, solids 8%, pH 10, ALK 0.8/2, CL 5,000, Ca 24, gels 2/10, wall cake 2/32ND. CC: \$1,662,624.
- 6/7/95 **10,568' TIH w/Baker csg pkr, liner top @ 6932'.** TIH w/7" liner on 4½" DP. C&C. Hang liner & cmt w/Halliburton. Pmpd 200 bbls gel wtr ahead, Lead 400 sx Silicalite w/3% gel, 2% CaCl₂, 3% salt, wt 11#, yld 3.0. Tail 230 sx Silicalite w/2% gel, 0.4% Versaset, 0.8% SCR 100, wt 12.4#, yld 1.82. Displ w/236 bbls mud. Plug bumped, floats held, good ret thru job, compl @ 1:05 PM 6/6/95. Reverse circ, ±150 bbls gel wtr lead but no cmt. Try press test csg, pkr leaked. POOH. Trip w/RTTS pkr, set 5' above csg pkr, 9½" held 1600, csg pkr leaked. Cut drlg line. WO Baker isolation pkr. TIH w/pkr. MW 9.9, VIS 42, FL 7.6, PV 14, YP 9, oil 1%, solids 8%, pH 9.5, ALK 0.4/1.8, CL 4,400, Ca 40, gels 1/5, wall cake 2/32ND. CC: \$1,736,319.
- 6/8/95 **10,568' PU 4¾" BHA, liner top @ 6922'.** TIH w/Baker CPH pkr. Set pkr in liner sleeve & test to 1500 psi, new liner top @ 6922'. RU Westates & LD 4½" DP & 6½" DC. Change pipe rams & press test BOP & chk to 5000 psi, Hydril to 2500 psi. RU Westates to PU 4¾" DC & 3½" DP. MW 9.6,

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- VIS 39, FL 8, PV 10, YP 8, oil 1%, solids 6%, pH 9, ALK 0.5/1.6, CL 4,000, Ca 36, gels 1/4, wall cake 2/32ND. CC: \$1,764,618.
- 6/9/95 **10,582' Drlg. 14⁷/₄ hrs.** PU 4¹/₂" DC & 3¹/₂" DP. Drill out liner hanger FU 3¹/₂" DP, press csg to 1500. Drill out float, shoe jt & shoe. Drlg from 10,568'. Wasatch 80% sh, 20% ss, BGG 1, CG 2, no shows. MW 9.5, VIS 36, FL 8, PV 7, YP 3, solids 6%, pH 10, ALK 0.8/1.6, CL 3,800, Ca 24, gels 1/2, wall cake 2/32ND. CC: \$1,789,166.
- 6/10/95 **10,846' Drlg w/mud motor. 271¹/₁₅ hrs.** Trip for PDC bit & motor. Drlg, RS. Drlg. Wasatch 70% sh, 30% ss, BGG 1, CG 2, TG 6. Show #30 10,670-80', P/R 3¹/₂-1¹/₂-3, F/G 1-10-1, no oil, fluor, or cut. MW 9.3+, VIS 33, FL 8.8, PV 6, YP 4, oil TR, solids 6%, pH 10, ALK 0.8/1.6, CL 3,800, Ca 10, gels 0/2, wall cake 2/32ND. CC: \$1,803,855.
- 6/11/95 **11,157' Drlg w/mud motor. 311¹/₂₂ hrs.** Drlg, RS. Drlg, svy. Drlg. Wasatch 70% sh, 30% ss, BGG 1, CG 2. MW 9.4, VIS 39, FL 9.2, PV 12, YP 3, oil TR, solids 7%, pH 10.2, ALK 0.35/0.7, CL 3,600, Ca 10, gels 1/5, wall cake 2/32ND. Svy: 2¹/₂° @ 11,015'. CC: \$1,811,249.
- 6/12/95 **11,500' Drlg w/mud motor. 343¹/₂₃ hrs.** Drlg, RS. Drlg. Wasatch 90% sh, 10% ss, BGG 1, CG 2, no shows. MW 9.4, VIS 38, FL 8.9, PV 9, YP 9, oil TR, solids 7%, pH 10.5, ALK 0.8/1.4, CL 3,800, Ca 10, gels 1/6, wall cake 2/32ND. CC: \$1,828,382.
- 6/13/95 **11,711' Drlg w/mud motor. 211¹/₁₅ hrs.** Drlg, TFNB & motor. W&R 50' to btm, 2' fill. Drlg. Wasatch 90% sh, 10% ss, BGG 1, CG 2, TG 6, no shows. No mud loss. MW 9.4, VIS 38, FL 8.9, PV 8, YP 7, oil TR, solids 7%, pH 10.2, ALK 0.8/1.4, CL 3,600, Ca 8, gels 2/4, wall cake 2/32ND. CC: \$1,859,492.
- 6/14/95 **11,886' TIH. 175¹/₁₆ hrs.** Drlg w/mud motor. RS. Drlg w/mud motor. Svy. Drlg w/mud motor. TFNB & new BHA. Wasatch 90% sh, 10% ss, BGG 1, CG 2. Show #31 11,850-70', P/R 6-3¹/₂-7, F/G 1-20-1, no oil, fluor, or cut. No mud loss. MW 9.4, VIS 36, FL 9.6, PV 8, YP 7, oil TR, solids 7%, pH 10, ALK 0.6/1.0, CL 3,400, Ca 12, gels 2/10, wall cake 2/32ND. Svy: 2° @ 11,795'. CC: \$1,870,274.
- 6/15/95 **11,983' Drlg. 97¹/₁₂ hrs.** TIH. W&R 10,939'-11,857'. RS. W&R 11,857'-11,886'. Drlg. Wasatch 80% sh, 10% ss, BGG 2, CG 3, TG 70, no shows. No mud loss. MW 9.4, VIS 39, FL 9.9, PV 10, YP 8, oil TR, solids 7%, pH 10.5, ALK 0.6/0.9, CL 3,400, Ca 10, gels 2/12, wall cake 2/32ND. CC: \$1,884,705.
- 6/16/95 **12,216' Drlg. 233¹/₂₃ hrs.** Drlg, RS. Drlg. Wasatch 90% sh, 10% ss, BGG 1, CG 2, no shows. No mud loss. MW 9.4, VIS 38, FL 8.8, PV 10, YP 8, oil TR, solids 7%, pH 10, ALK 0.4/0.9, CL 3,400, Ca 40, gels 2/10, wall cake 2/32ND. CC: \$1,899,316.
- 6/17/95 **12,440' Drlg. 224¹/₂₂ hrs.** Drlg, RS. Drlg, rig repair (rot chain). Drlg. Wasatch 90% sh, 10% ss, BGG 100, CG 1200. Shows: #32 12,232-44', P/R 5-13-5, F/G 1-900-100, fair gr oil, TR fluor, fair cut; #33 12,372-82', P/R 10-3-7¹/₂, F/G 100-600-150, TR gr oil, TR fluor, wk cut. MW 9.4, VIS 41, FL 8.8, PV 12, YP 9, oil TR, solids 8%, pH 10, ALK 0.4/0.8, CL 3,200, Ca 72, gels 3/12, wall cake 2/32ND. CC: \$1,912,714.
- 6/18/95 **12,665' Drlg. 225¹/₂₄ hrs.** Drlg. Wasatch 80% sh, 10% ss, 10% ls, BGG 450, CG 1200/1700. Shows: #34 12,438-50', P/R 6¹/₂-2¹/₂-6, F/G 140-400-200, slight inc gr oil, TR fluor, wk cut; #35 12,574-88', P/R 8-2¹/₂-8¹/₂, F/G 100-1000-400, fair amt gr oil, TR fluor, fair cut; #36 12,618-32', P/R 8-5-7, F/G 300-750-500, slight inc gr oil, TR fluor, TR cut. MW 9.4, VIS 39, FL 8.4, PV 11, YP 7, oil TR, solids 8%, pH 10, ALK 0.4/0.7, CL 3,000, Ca 80, gels 2/8, wall cake 2/32ND. CC: \$1,920,371.
- 6/19/95 **12,803' TFNB. 138¹/₂₀ hrs.** Drlg, RS. Drlg. POOH. Wasatch 70% sh, 30% ss, BGG 100, CG 150. Shows: #37 12,648-78', P/R 7-3¹/₂-7, F/G 400-800-500, slight inc ylw gr oil, TR fluor, wk cut; #38 12,710-18', P/R 6¹/₂-10-5, F/G 500-850-500, slight inc ylw gr oil, TR fluor, wk cut; #39 12,754-60', P/R 6¹/₂-16-7¹/₂, F/G 500-900-200, slight inc ylw gr oil, TR fluor, wk cut. MW 9.6, VIS 41, FL 8.3,

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- PV 11, YP 10, oil TR, solids 8%, pH 10, ALK 0.3/0.6, CL 2,800, Ca 120, gels 2/12, wall cake 2/32ND.
CC: \$1,927,989.
- 6/20/95 **12,875' Drlg. 72'/11½ hrs.** POOH & change bit. TIH. Cut drlg line. TIH. W&R 12,168'-12,803'.
RS. Drlg. Rig repair (swivel packing). Drlg. Wasatch 90% sh, 10% ss, BGG 40, CG 50. MW 9.8,
VIS 39, FL 8, PV 13, YP 9, oil 1%, solids 7%, pH 10, ALK 0.4/0.7, CL 2,800, Ca 96, gels 2/8, wall
cake 2/32ND. CC: \$1,944,358.
- 6/21/95 **13,025' Drop svy (bit trip). 150'/23 hrs.** Drlg, RS. Drlg. Pump pill & drop svy. Wasatch 90% sh,
10% ss, BGG 18, CG 25, no shows. No mud loss. MW 9.74, VIS 38, FL 8, PV 12, YP 9, oil 1%,
solids 7%, pH 10.2, ALK 0.4/0.9, CL 2,600, Ca 72, gels 2/8, wall cake 2/32ND. CC: \$1,956,268.
- 6/22/95 **13,110' Drlg. 85'/8 hrs.** POOH. Magnaflux BHA & change jars. TIH. W&R 12,725'-13,025'.
Drlg. Wasatch 90% sh, 10% ss, BGG 18, CG 25, TG 65, no shows. MW 9.8, VIS 39, FL 8, PV 12,
YP 8, oil 1%, solids 7%, pH 10.5, ALK 0.5/1, CL 2,400, Ca 144, gels 1/7, wall cake 2/32ND. Svy:
3° @ 12,995'. CC: \$1,972,222.
- 6/23/95 **13,288' Rig repair. 178'/21½ hrs.** Drlg, RS. Drlg, rig repair (swivel). Drlg, rig repair (swivel).
Wasatch 90% sh, 10% ss, BGG 15, CG 20. Shows: #40 13,098-106', P/R 5½-2½-6, F/G 18-30-18,
no oil, fluor, or cut; #41 13,184-188', P/R 3½-14-6½, F/G 15-40-15, no oil, fluor, or cut. MW 9.8,
VIS 40, FL 8, PV 12, YP 9, oil 1%, solids 7%, pH 10.3, ALK 0.5/1, CL 2,500, Ca 120, gels 2/8, wall
cake 2/32ND. CC: \$1,990,322.
- 6/24/95 **13,507' Drlg. 219'/23½ hrs.** Drlg, RS. Drlg. Wasatch 90% sh, 10% ss, BGG 15, CG 20. Shows:
#42 13,306-20', P/R 8½-3-8, F/G 15-30-15, no oil, fluor, or cut; #43 13,590-400', P/R 8-3½-7, F/G
15-30-15, no oil, fluor, or cut; #44 13,440-56', P/R 5½-2½-6, F/G 15-30-15, no oil, fluor, or cut. Lost
175 bbls to seepage in the last 24 hrs. MW 9.7+, VIS 38, FL 8, PV 11, YP 7, oil 1%, solids 7%, pH
10, ALK 0.6/1.3, CL 2,500, Ca 160, gels 1/2, wall cake 2/32ND. CC: \$2,000,227.
- 6/25/95 **13,627' POOH. 120'/19 hrs.** Drlg, RS. Drlg, rig repair (swivel). Drlg. Pump pill & svy. POOH.
Shows: #45 13,478-98', P/R 10-2-10, F/G 15-30-15, no oil, TR fluor, wk cut; #46 13,572-82', P/R
11½-6½-10, F/G 15-35-15, no oil, fluor, or cut; #47 13,610-20', P/R 9½-4-10, F/G 15-35-15, no oil,
fluor, or cut. Lost ±50 bbls mud in the last 24 hrs to seepage. MW 9.7, VIS 36, FL 8.2, PV 10, YP
6, oil 1%, solids 7%, pH 10, ALK 0.5/1.6, CL 2,500, Ca 120, gels 1/2, wall cake 2/32ND.
CC: \$2,017,170.
- 6/26/95 **13,695' Drlg. 68'/12½ hrs.** POOH, RS. TIH. W&R 12,911'-13,626'. Drlg. Wasatch 90% sh, 10%
ss, BGG 15, CG 20, TG 900. Show #48 13,662-71', P/R 11-5-14, F/G 15-35-15, no oil, fluor, or cut.
MW 9.8+, VIS 37, FL 9.2, PV 10, YP 6, oil 1%, solids 7%, pH 9.5, ALK 0.6/1.8, CL 2,500, Ca 120,
gels 1/2, wall cake 2/32ND. Svy: 3¾° @ 13,586'. CC: \$2,033,621.
- 6/27/95 **13,756' Drlg. 61'/14 hrs.** Drlg, RS. Drlg. TFNB. W&R 13,615'-13,735' (120'). Drlg. Wasatch
80% sh, 10% ss, 10% ls, BGG 10, CG 15, TG 600, no shows. No mud loss. MW 9.9+, VIS 38, FL
9.2, PV 13, YP 6, oil 1%, solids 8%, pH 10, ALK 0.6/1.8, CL 2,500, Ca 120, gels 1/3, wall cake
2/32ND. CC: \$2,056,165.
- 6/28/95 **13,950' Drlg. 194'/23½ hrs.** Drlg, RS. Drlg. Wasatch 80% sh, 10% ss, 10% ls, BGG 10, CG 20.
Shows: #49 13,760-76', P/R 9-4-9, F/G 10-50-10, no oil, TR fluor, wk cut; #50 13,788-812', P/R
7½-3½-9, F/G 10-30-10, no oil, fluor, or cut; #51 13,842-860', P/R 7-3½-7, F/G 10-40-20, no oil,
fluor, or cut; #52 13,880-912', P/R 14-4½-8, F/G 20-50-20, no oil or fluor, wk cut. MW 10, VIS 39,
FL 9, PV 13, YP 7, oil 1%, solids 8%, pH 10.5, ALK 0.9/2.2, CL 2,500, Ca 96, gels 1/3, wall cake
2/32ND. CC: \$2,068,250.
- 6/29/95 **14,077' POOH for bit. 127'/20 hrs.** Drlg, RS. Drlg. POOH for bit (dropped svy). Wasatch 80%
sh, 10% ss, 10% ls, BGG 20, CG 60. Shows: #53 13,962-72', P/R 10-4-11, F/G 10-40-10, no oil, TR
fluor, wk cut; #54 13,978-96', P/R 14-4-14, F/G 10-80-20, no oil, TR fluor, wk cut; #55 14,002-38',
P/R 9½-3-10, F/G 20-70-30, no oil, TR fluor, wk cut. No mud loss. MW 10, VIS 39, FL 9, PV 13,
YP 6, oil 1%, solids 8%, pH 10.5, ALK 0.8/2, CL 2,700, Ca 96, gels 1/4, wall cake 2/32ND.
CC: \$2,073,009.

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- 6/30/95 **14,145' Drlg. 68'/16½ hrs.** POOH, cut drlg line. RS. TIH. Wash 26' to btm. Drlg. Wasatch 60% sh, 30% sltst, 10% ss, BGG 20, CG 35, TG 850, no shows. No mud loss. MW 10, VIS 38, FL 9, PV 13, YP 6, oil 1%, solids 8%, pH 10.8, ALK 1/2.2, CL 2,700, Ca 96, gels 1/3, wall cake 2/32ND. CC: \$2,100,748.
- 7/1/95 **14,210' Drlg. 65'/23 hrs.** Drlg, rig repair (swivel). Drlg. Wasatch 60% sh, 30% sltst, 10% ss, BGG 20, CG 35, no shows. No mud loss. MW 10, VIS 38, FL 9, PV 13, YP 7, oil 1%, solids 8%, pH 10.5, ALK 0.9/2.2, CL 2,700, Ca 88, gels 1/3, wall cake 2/32ND. CC: \$2,116,285.
- 7/2/95 **14,300' Drlg. 90'/21½ hrs.** Drlg, RS. Drlg, work tight hole @ 14,295'. Drlg. Wasatch 90% sh, 10% ls, BGG 15, CG 30, no shows. No mud loss. MW 10, VIS 39, FL 9.1, PV 13, YP 7, oil 1%, solids 8%, pH 10.2, ALK 1.2/2.2, CL 2,700, Ca 80, gels 1/2, wall cake 2/32ND. CC: \$2,124,859.
- 7/3/95 **14,342' Drlg. 42'/23½ hrs.** Drlg, RS. Drlg. Wasatch 80% sh, 10% ss, 10% ls, BGG 15, CG 25, no shows. MW 10, VIS 40, FL 9, PV 13, YP 7, oil 1%, solids 8%, pH 10, ALK 1.2/2.4, CL 2,700, Ca 80, gels 1/4, wall cake 2/32ND. CC: \$2,132,447.
- 7/4/95 **14,413' Drlg. 71'/14½ hrs.** Pump pill & svy. TFNB. Wash 15' to btm (no fill). Drlg. Wasatch 80% sh, 20% ss, BGG 15, CG 25, TG 500, no shows. No mud loss. MW 10, VIS 41, FL 9, PV 13, YP 9, oil 1%, solids 8%, pH 11, ALK 1.2/2.1, CL 3,000, Ca 80, gels 2/8, wall cake 2/32ND. Svy: 4¾° @ 14,342'. CC: \$2,164,665.
- 7/5/95 **14,470' Drlg. 57'/24 hrs.** Drlg. Wasatch 90% sh, 10% ss, BGG 15, CG 25, no shows. No mud loss. MW 10, VIS 42, FL 9, PV 15, YP 8, oil 1%, solids 8%, pH 11, ALK 1.3/2.6, CL 3,200, Ca 48, gels 2/10, wall cake 2/32ND. CC: \$2,174,383.
- 7/6/95 **14,500' TIH w/bit. 30'/9½ hrs.** Drlg, RS. Drlg. Circ & cond. Short trip 20 stds. Circ & cond. POOH for logs. RU Atlas & run DLL, GR & Cal, stopped @ 12,740'. TIH w/bit. Wasatch 70% sh, 10% ss, 20% ls, BGG 15, CG 20, TG 80, no shows. No mud loss. MW 10, VIS 44, FL 9, PV 17, YP 8, oil 1%, solids 8%, pH 10.8, ALK 1.2/2.4, CL 2,800, Ca 40, gels 2/4, wall cake 2/32ND. CC: \$2,183,547.
- 7/7/95 **14,500' Circ & cond for logs.** TIH. Circ & cond for logs. POOH. RU Atlas & ran DLL & GR. 2nd run Digital Sonic & Cal, stopped @ 12,540', logged 7" csg 10,565'-6922'. (Atlas TD 14,500', max temp 202°.) TIH. Cut drlg line. TIH (took 15,000 @ 12,640' & 14,320'). Circ. MW 10.1+, VIS 42, FL 8.8, PV 14, YP 8, oil 1%, solids 8%, pH 10.8, ALK 1.1/2.4, CL 2,800, Ca 64, gels 1/3, wall cake 2/32ND. CC: \$2,192,466.
- 7/8/95 **14,500' POOH.** Circ & cond. POOH. RU Atlas & ran Digital Sonic, GR & Cal to 14,350', try to run CIBL, stopped @ 11,280'. TIH to 14,340'. Wash 14,340'-14,500'. Circ & cond. POOH. MW 10.2+, VIS 55, FL 6, PV 25, YP 13, oil 1%, solids 9%, pH 11, ALK 1.1/2.6, CL 2,900, Ca 48, gels 2/6, wall cake 2/32ND. CC: \$2,199,743.
- 7/9/95 **14,500' RU csg crew.** POOH. RU Atlas & ran CBIL 14,500'-10,565'. TIH. Circ & cond. POOH. RU Westates csg. BGG 10, TG 100. No mud loss. MW 10.3, VIS 53, FL 7.2, PV 23, YP 12, oil 1%, solids 9%, pH 11, ALK 1.3/2.8, CL 3,000, Ca 52, gels 2/5, wall cake 2/32ND. CC: \$2,267,745.
- 7/10/95 **14,500' WOC, liner top @ 10,179'.** RU Westates & ran 100 jts 5" 18# CF-95 w/Hyd 521 thread w/Baker FE, 2 shoe jts. Total string 4318.80'. Turbolators on every jt & ran liner to btm w/3½" DP. Circ w/full ret & work pipe. Hang liner, try to circ, packed off. Released hanger & worked tight hole w/inter ret - got full ret, pipe free. Hang liner & circ w/full ret. Cmt w/DS. Pmpd 80 bbls 8.4 PPG Chem Wtr, 10 bbls Mud Push ahead of 390 sx "G" w/35% D66, 0.075% D13, 0.7 gal/sx D604AM, 0.05 gal/sx M45 & 18% D44, wt 15.9, yld 1.62. Displ w/85 wtr & 56 mud. Plug bumped, floats held (good ret). IP 12:01 AM. POOH. WOC. MW 10.2, VIS 38, FL 8, PV 17, YP 3, oil 1%, solids 9%, pH 10, ALK 1/2.6, CL 3,100, Ca 56, gels 1/2, wall cake 2/32ND. CC: \$2,390,463.
- 7/11/95 **14,500' LD 3½" DP.** WOC. TIH (took off DP rubbers). Circ @ liner top, no cmt. PT liner to 1000 psi for 15 min, ok. Circ & cond mud. RU Westates & LD 3½" DP. MW 10.2, VIS 40, FL 10.4, PV

ANR PRODUCTION COMPANY
CHRONOLOGICAL HISTORY

UTE #1-15B6
Altamont Field
Duchesne County, UT

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11, YP 6, oil 1%, solids 9%, pH 10, ALK 0.9/2.4, CL 3,100, Ca 12, gels 1/2, wall cake 2/32ND.
CC: \$2,401,105.

7/12/95 **14,500' RDRT.** LD 3½" DP & 4¾" DC. ND 13¾" BOP's. NU tbg hd & 6" BOP & test to 5000.
Clean mud pits. RDRT. Rig released @ 12:00 midnight 7/11/95. CC: \$2,417,381. FINAL
DRILLING REPORT.

ANR PRODUCTION COMPANY
CHRONOLOGICAL HISTORY

UTE #1-15B6 (COMPLETION)
ALTAMONT FIELD
DUCHESNE COUNTY, UT
WI: 99.723363% ANR AFE: 00606
TD: 14,500' PBD: 14,450'
5" @ 10,179'-14,498'
PERFS: 13,717'-14,424'
CWC(M\$): 2,462.0

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7/13-16/95 RDMO drilling rig.

7/17/95 POOH w/tbg.
MIRU completion unit. NU BOP's. RIH w/6" drag bit, 7" scraper, 4' - 2" sub & 2" tbg to 4635'. Circ mud out. Continue RIH w/tbg to 6954'. Circ mud out. Continue RIH w/tbg to 5" LT @ 10,179'. Circ mud out. PT csg to 2000#, lost 100#/2 mins. POH w/2" tbg to 8900'. CC: \$2,423,732

7/18/95 WOC.
POOH w/116 jts 2" tbg. Pump into leak @ 1 BPM, 1900#. SD. Lost 150#/2 min. POOH w/remaining 2" BHA. RIH w/7" HD pkr. SN. 215 jts 2" tbg & set pkr @ 6993'. PT csg to 2000#. Est inj rate 1.5 BPM @ 1900#. RIH w/100 jts 2", set pkr @ 10,164'. PT csg. Est inj rate down tbg, 1.5 BPM @ 1900#. Release pkr. POOH to 9873'. Wait for cmt. Set pkr @ 9834'. RU Halliburton. Est inj rate 1 BPM @ 1700#. Pump cmt as follows: 10 BFW, 100 sx Class H, .2% CFR-3, 3% Halad-344. Est TOC @ 10,075' w/21 sx in csg, 79 sx out of csg. Reverse out tbg with 80 BW. PT csg to 1500#, tbg to 2000#. WOC. CC: \$2,436,135

7/19/95 RIH w/4" bit.
SICP 1500#. SITP 1500#. Unset 7" HD pkr @ 9834'. POOH w/305 jts 2" N-80 tbg & 7" pkr. RIH w/6" 3-bladed drag bit & bit sub on 310 jts 2" tbg. Tag cmt @ 10,027'. DO cmt from 10,027' to 5" LT @ 10,179'. Circ hole clean. PT 7" csg to 2000# - held. RD drlg equip. POOH w/tbg & bit. RIH w/4" drag bit, 4" string mill & 49 jts 2" tbg to 1597'. CC: \$2,440,884

7/20/95 RD drlg equip.
RIH w/87 jts 2" & 180 jts 2" tbg. Tagged cmt @ 10,179'. DO cmt to 10,243'. Circ hole clean. RD drlg equip. RIH w/102 jts 2" tbg to 13,461'. Circ 32 bbls drlg mud to pit. RIH w/22 jts 2" tbg. Tag cmt @ 14,166'. Circ hole clean. PT csg to 2000#. RU drlg equip. DO cmt & float collar from 14,166' to 14,415'. CC: \$2,446,935

7/21/95 Finish POOH w/tbg.
Circ hole clean. POOH w/2" & 2" tbg & 4" string mill. RIH w/4" bit & bit sub w/136 jts 2" & 311 jts 2" tbg. Drill from 14,415' to 14,450' PBD. Circ hole clean. PT to 2000#. Displaced hole w/700 bbls clean treater wtr. POOH w/109 jts 2" tbg to 10,830'. CC: \$2,453,193

7/22/95 WO log evaluation.
Finish POOH w/205 jts 2" & 136 jts 2" tbg & bit. RU Schlumberger to run GR/CBL/CET logs from 14,450' to 10,179' w/2000#. Logged 7" w/CBL from 10,179' to 6,922' w/2000#. Bled off pressure. RD Schlumberger. CC: \$2,469,389

7/23/95 WOC.
RU OWP. RIH w/3" csg gun, 4 SPF, 120° phasing. Perf 4 holes @ 13,795'. Est inj rate @ 1 BPM, 2000#. RIH w/5" HD pkr, 108 jts 2" & 312 jts 2" tbg. Set pkr @ 13,521'. RU Halliburton. Sqz'd 5" liner as follows: Pump 10 BFW, 50 sx cmt (15.9 ppg) w/35% SSA1, .4% CFR-3, .4% Halad-344, .2% Super CBL & .2% HR5. Set pkr @ 13,521'. Left 2 bbls cmt in csg. Sqz'd to 3500#. Rls'd pkr. Reversed out w/110 bbls. Est TOC @ 13,631'. Reset pkr, left 2200# on tbg & 2000# on csg. CC: \$2,485,811

ANR PRODUCTION COMPANY
CHRONOLOGICAL HISTORY

UTE #1-15B6 (COMPLETION)
ALTAMONT FIELD
DUCHESNE COUNTY, UT
WI: 99.723363% ANR AFE: 00606

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7/24/95 POOH w/bit.
Rls'd pkr @ 13,521'. POOH w/312 jts 2" & 108 jts 2" tbg. RIH w/4" rock bit & 427 jts 2" tbg. Tagged cmt @ 13,703'. RU Dowell. Pickle tbg w/1154 gals 20% HCl w/additives. RD Dowell. DO cmt to 13,795' & fell free. Circ hole clean. PT to 2000#. POOH w/120 jts 2" tbg to 9960'. CC: \$2,492,100

7/25/95 Continue swabbing, prep to perf.
Finish POOH w/312 jts 2" tbg & 4" bit. RU Schlumberger. Ran CBL/CET across squeeze from 14,100' to 13,500' - had good isolation. RD Schlumberger. RIH w/SN & 310 jts 2" tbg to 10,000'. RU swab. Made 43 runs, rec 376 bbls, FFL 4900'. CC: \$2,508,577

7/26/95 RIH w/pkr, prep to test.
Made 20 swab runs. Rec 180 bbls, FFL 7900'. RD swab equip. POOH w/310 jts 2" & SN. Pmpd 50 bbls diesel down well. RU OWP. RIH & tag @ 14,324'. Work csg gun to 14,426'. Perf Wasatch @ 13,717'-14,424' (147 holes) as follows:

Run #	Interval	Feet	Holes	FL	PSI
1	14,424'-14,036'	25	75	6700'	0
2	14,007'-13,717'	24	72	6400'	0
	Total	49	147		

No response after perf'g. RD OWP. RU 4-Star hydrotester. RIH w/5" HD pkr, SN & 360 jts 2" tbg to 11,700'. CC: \$2,551,164

7/27/95 Prep to swab.
Continue RIH w/37 jts 2" tbg, hydrotesting tbg to 8500#. Tbg blew apart on @ 397th jt, 12,762' of tbg in hole. RD hydrotest equip. RIH w/5" OS with 3-21/32" grapple, bumper sub, 6' x 2" tbg sub & 54 jts 2" tbg. Latched onto TOF @ 1,740'. POOH w/54 jts 2". Release off fish. LD OS, bumper sub & remaining 2" tbg. Tbg looks OK. LD pkr - rubber gone. RU 4-Star. RIH w/Mtn States 5" HD pkr, SN & 427 jts 2" tbg, hydrotesting to 8500# above slips. RD hydrotester. Set pkr @ 13,705'. RU swab equip. CC: \$2,563,209

7/28/95 Continue swabbing.
Made 36 swab runs. Rec 140 BO, 100 BW/24 hrs, IFL 3800', FFL 9700'. CC: \$2,573,093

7/29/95 Continue swabbing.
Made 8 swab runs. Rec 35 BO, 7 BW/8 hrs, FFL 9400', 90% oil. RU Dowell. Acidize perms @ 13,717'-14,424' w/4500 gal 15% HCl & 225 - 1.1 SG ball sealers. MTP 9000#, ATP 8600#, MTR 19 BPM, ATR 15.5 BPM. Balled off - excellent diversion, 295 BLTR. ISIP 3000#, 15 min SIP 1140#. RD Dowell. RU to swab. Made 23 swab runs. Rec 36 BO, 156 BW/13 hrs, IFL 2500', FFL 5300', pH 5, 103 BLTR. CC: \$2,593,788

7/30/95 Continue swabbing.
Made 44 swab runs. Rec 262 BO, 41 BW, IFL 6200', FFL 6500', pH 7, 90% oil. Final report on this AFE #00606 - drill & complete. Continue reporting on AFE #00607 - install surface facilities. CC: \$2,599,014

ANR PRODUCTION COMPANY
CHRONOLOGICAL HISTORY

UTE #1-15B6 (INSTALL SURFACE FACILITIES)

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ALTAMONT FIELD

DUCHESNE COUNTY, UT

WI: 99.723363% ANR AFE: 00607

TD: 14,500' PBD: 14,450'

5" @ 10,179'-14,498'

PERFS: 13,717'-14,424'

CWC(M\$): 383.5

7/31/95 Prep to RIH w/rods & pump.
Made 9 swab runs. Rec 49 BO, 12 BW/4½ hrs, pH 7, FFL 6500'. RD swab. Release pkr & POOH w/432 jts 2½" tbg & 5" pkr. ND BOP's & dual string tbg spool. NU single string tbg spool & BOP's. RIH w/2½" plug, 6' - 2½" N-80 perf sub, 7" UNI-VI pkr, MSOT gas anchor, SN & 310 jts 2½" tbg. Set pkr @ 10,083', SN @ 10,006'. ND BOP's. Landed tbg w/15,000# tension. CC: \$20,611

8/1/95 Install Rotaflex pmpg unit.
RIH w/Highland 1½" pump, 8 - 1", 140 - ¾", 126 - ½", 122 - 1" rods. Seat pump, PT tbg to 1000#. RD rig, prep to move out. CC: \$118,493

8/2/95 Installing Rotaflex.

8/3/95 Well on pump.
Placed well on pump. CC: \$153,000

8/3/95 Pmpd 78 BO, 202 BW, 0 MCF, 4.7 SPM, 15 hrs.

8/4/95 Pmpd 278 BO, 217 BW, 4.7 SPM.

8/5/95 Pmpd 140 BO, 128 BW, 4.7 SPM.

8/6/95 Pmpd 181 BO, 122 BW, 4.7 SPM.

8/7/95 Pmpd 126 BO, 131 BW, 4.7 SPM, 22 hrs. Down 2 hrs - generator.

8/8/95 Pmpd 139 BO, 117 BW, 4.7 SPM.

8/9/95 Pmpd 112 BO, 109 BW, gas flared. Dynamometer indicated 65% pump fillage, gas interference. Gas anchor appears to be defective. FL @ 8200', SN @ 10,006'.

8/10/95 Pmpd 100 BO, 130 BW, 4.7 SPM, 22 hrs. Down 2 hrs - engine problem on generator.

8/11/95 Pmpd 100 BO, 131 BW, 0 MCF, 4.7 SPM, 22 hrs, generator malfunction.

8/12/95 Pmpd 51 BO, 75 BW, 0 MCF, 4.7 SPM, 12 hrs, generator malfunction.

8/13/95 Pmpd 95 BO, 115 BW, 0 MCF, 4.7 SPM.

8/14/95 Pmpd 108 BO, 90 BW, 0 MCF, 4.7 SPM.
Final report on this AFE #00607 - Install Surface Facilities.
Continue reporting on AFE #00606 - Perf & Acidize additional Wasatch interval from 12,907'-13,683'.

ANR PRODUCTION COMPANY
CHRONOLOGICAL HISTORY

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UTE #1-15B6 (COMPLETION)
ALTAMONT FIELD
DUCHESNE COUNTY, UT
WI: 99.723363% ANR AFE: 00606
TD: 14,500' PBD: 14,450'
5" @ 10,179'-14,498'
PERFS: 13,717'-14,424', 12,907'-13,683'
CWC(M\$): 2,462.0

- 8/14/95 Spotted rig & equipment. CC: \$2,596,423.
- 8/15/95 RIH w/5" pkr & changing out couplings.
MIRU. POOH w/rods & pump. NU BOP. PU on tbg & pkr wasn't set.
POOH w/tbg & BHA (had 70 tbg collars worn out from tbg moving). RU
OWP. RIH w/5" wireline, set RBP @ 13,710'. Dumped 2 sx sand on RBP.
Perf Wasatch 12,907'-13,683' w/3½" csg gun.
- Run 1 - 13,683'-13,409' - 23' - 69 holes - 0 psi
Run 2 - 13,402'-13,159' - 23' - 69 holes - 0 psi
Run 3 - 13,147'-12,907' - 21' - 63 holes - 0 psi
- Total: 67', 201 holes, 0 psi. RIH w/5" HD pkr.
CC: \$2,618,248.
- 8/16/95 Run tools into 5" liner & set pkr.
Set pkr @ 12,874'. Filled csg w/560 bbls water, BOP rams leaked,
order out new rams. Made 4 swab trips. Rec 3.2 BF (3.0 BO).
Installed new rams in BOP, press test csg to 2000 psi, lost 1000 psi
in 5 mins, got injection rate 1 BPM @ 1900 psi. Released pkr & POOH.
RIH w/5" RBP & 5" pkr on 2½" tbg. CC: \$2,624,201.
- 8/17/95 Swab, checking for fluid entry.
Set RBP @ 10,481', set pkr @ 10,443', filled tbg w/30 BW. Press
tested to 2000#, FL approx 5180'. RU OWP. RIH & dump 1 sx sand on
RBP @ 10,481'. POOH & RD OWP. RIH w/7" HD pkr & 2½" tbg. Set pkr @
6977'. Filled tbg w/27 BW, injection rate 1 BPM @ 1900 psi. Isolate
7" csg leak @ 6987'. Suspect possible csg wear from unseated TAC.
CC: \$2,632,063.
- 8/18/95 RU swab equip.
Made 3 swab runs/1 hr, no fluid entry. Landed tbg, released pkr @
6976'. POOH. LD 7" pkr. Make up retainer head & RIH w/2½" tbg to
sand on RBP. NU pack off head, circ sand off RBP @ 10,481'. Latch
onto & released RBP. ND pack off head. POOH w/tbg & RBP. RIH w/5"
HD pkr, SN & 2½" tbg. Set pkr @ 12,874'. Filled csg w/175 BW, RU
Dowell & acidized Wasatch perfs 12,907'-13,683' w/6000 gals 15% HCL
+ 300 BS. MTP 8700#, ATP 8400#, MTR 15 BPM, ATR 12 BPM. ISIP 3850#.
15 min SIP 1180#. Had fair diversion, maintained 1800# on csg during
job. RD Dowell. CC: \$2,661,667.
- 8/19/95 Continue swabbing perfs 12,907'-13,683'.
RU swab equip. Made 53 runs, rec 219.70 BO, 177.3 BW, PH 6, FFL
7500'. CC: \$2,668,246.
- 8/20/95 Swabbing Wasatch 12,907'-13,683'.
Continue swabbing Wasatch perfs 12,907'-13,683'. Swabbed 15½ hrs,
made 31 runs, rec 144 BO, 98 BW. FL 1st run @ 6000', last run @
7300'. PH 7. Change out worn brake blocks/10 hrs. Had hard time
with first run, starting FL 6200', ending FL 6200'. Made 5 runs, rec
31 BO, 12 BW, PH 7. Total rec 175 BO, 110 BW. CC: \$2,672,735.
- 8/21/95 CO to RBP set @ 13,710'.
Continue swabbing Wasatch perfs 12,907'-13,683'. Swab 6 hrs, rec 91
BO, 21 BLW. Release pkr & POOH. RIH to CO. Tag fill @ 13,665' (RBP
@ 13,710'). CC: 2,684,419.

ANR PRODUCTION COMPANY
CHRONOLOGICAL HISTORY

UTE #1-15B6 (COMPLETION)
ALTAMONT FIELD
DUCHESNE COUNTY, UT
WI: 99.723363% ANR AFE: 00606

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8/22/95 POOH w/CO tools.
Continue CO to RBP set @ 13,710'. Tag fill @ 13,690'. RU swivel, CO to 13,694' (acted like mill was plugged). POOH w/tbg. CO tool & mill - top check valve in COT was plugged). RIH w/4"x3" mill tool shoe, COT, 2 1/2" tbg & 2 1/2" tbg. Continue CO to 13,704'. CC: \$2,693,415.

8/23/95 Perf Wasatch 12,215'-12,849'.
POOH w/2 1/2" & 2 1/2" tbg, mill shoe, 1 jt full of frac balls & sand, LD CO tools. RIH w/retrieving head, tagged fill @ 13,700'. PU swivel, filled csg w/300 BW. Circ balls & sand off RBP @ 13,710', circ hole clean, latch onto RBP. Release RBP. POOH. Run wireline, set RBP @ 12,890'. Dump 1 sx sand on RBP. SIH w/3 1/2" csg gun w/3 SPF 120° phasing. CC: \$2,700,581.

8/24/95 Swabbing perf 12,215'-12,849'.
Perf Wasatch 12,215'-12,849' w/3 1/2" csg gun w/3 SPF 120° phasing, 138 total holes. PU 5" HD pkr, set pkr @ 12,198', RU swab equip. Swab well, rec 129 BO, 149 BW/16 hrs. Fluid entry approx 17 BPH. IFL @ 2000', FFL @ 6200'. CC: \$2,719,272.

8/25/95 Swabbing.
Continue swabbing. Made 52 runs, rec 283.2 BO, 119.8 BW/21 hrs. CC: \$2,737,095.

8/26/95 POOH w/2 1/2" tbg & 5" RBP.
Continue swabbing perfs 12,215'-12,849'. Set pkr @ 12,198'. Well flowed, rec 7 BO, 0 BW, released pkr @ 12,198'. RU hot oiler & pump 115 bbls 225° water down csg to get oil out of tbg. Steamed oil off work floor. POOH w/tbg & pkr, RIH w/5" ret head & 2 1/2" tbg. Tagged fill @ 12,880'. NU pack off head, filled hole w/186 BW, circ off balls & sand to RBP @ 12,890'. Circ hole clean. Latch onto RBP & open bypass, let fluid equalize. Release RBP, LD 2 1/2" work string on rack. POOH w/2 1/2" production string to 2414'. CC: \$2,746,679.

8/27/95 On production.
Continue POOH w/2 1/2" tbg & 5" RBP. PU BHA & RIH w/7" TAC. Set TAC @ 10,113'. ND BOP. Landed tbg on hanger w/20,000# tension. NU WH, RD tbg equip, RU rod equip. Flush tbg w/60 bbls 250° water, RIH w/1 1/2" pump & rods, space out & seat pump. Filled tbg w/6 bbls water, stroke pump w/rig, press test tbg to 700 psi, good pump action. Clamp off rods, RD rig & equip. Clean up and left well pumping. CC: \$2,764,463.

8/28/95 Pmpd 116 BO, 339 BW, 0 MCF, 4.7 SPM.

8/29/95 Pmpd 120 BO, 356 BW, 0 MCF (gas flared), 4.7 SPM.

8/30/95 Pmpd 118 BO, 359 BW, gas flared, 4.7 SPM. Will run dynamometer analysis 9/1.

8/31/95 Pmpd 54 BO, 180 BW/11 hrs, generator down.

9/1/95 Pmpd 60 BO, 254 BW/15 hrs. 4.7 SPM.

9/2/95 Pmpd 134 BO, 344 BW, 24 hrs.

9/3/95 Pmpd 296 BO, 323 BW, 24 hrs.

9/4/95 Pmpd 139 BO, 323 BW, 24 hrs.

9/5/95 Pmpd 132 BO, 308 BW, 24 hrs.

ANR PRODUCTION COMPANY
CHRONOLOGICAL HISTORY

UTE #1-15B6 (COMPLETION)
ALTAMONT FIELD
DUCHESNE COUNTY, UT
WI: 99.723363% ANR AFE: 00606

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9/6/95 Pmpd 216 B0, 289 BW, 20 hrs.

9/7/95 Pmpd 312 B0, 311 BW, 24 hrs. Final Report.

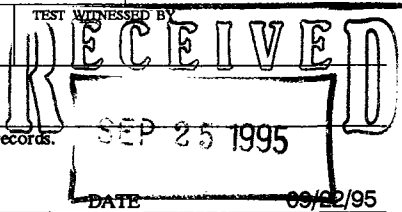
UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL:		OIL WELL <input checked="" type="checkbox"/>	GAS WELL <input type="checkbox"/>	DRY <input type="checkbox"/>	Other <input type="checkbox"/>	5. LEASE DESIGNATION AND SERIAL NO. 14-20-H62-4647	
b. TYPE OF COMPLETION:		NEW WELL <input checked="" type="checkbox"/>	WORK OVER <input type="checkbox"/>	DEEP-EN <input type="checkbox"/>	PLUG BACK <input type="checkbox"/>	DIFF. RESVR. <input type="checkbox"/>	6. IF INDIAN, ALLOTTEE OR TRIBE NAME Ute
2. NAME OF OPERATOR ANR Production Company						7. UNIT AGREEMENT NAME N/A	
3. ADDRESS AND TELEPHONE NO. P.O. Box 749, Denver, CO 80201-0749 (303) 573-4455						8. FARM OR LEASE NAME, WELL NO. Ute #1-15B6	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1401' FSL & 1295' FWL At top prod. interval reported below At total depth						9. API WELL NO. 43-013-31484	
10. FIELD AND POOL, OR WILDCAT Altamont						11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Section 15-T2S-R6W	
14. PERMIT NO. 43-013-31484		DATE ISSUED 1/20/95		12. COUNTY OR PARISH Duchene Co.		13. STATE Utah	
15. DATE SPUDDED 3/31/95	16. DATE T.D. REACHED 7/6/95	17. DATE COMPL. (Ready to prod.) 8/27/95		18. ELEVATIONS (DF, RKB, RT, GR, ETC)* 6449' GL, 6471' KB		19. ELEV. CASINGHEAD	
20. TOTAL DEPTH, MD & TVD 14,500'		21. PLUG BACK T.D., MD & TVD 14,450'		22. IF MULTIPLE COMPL. HOW MANY* N/A		23. INTERVALS DRILLED BY ROTARY TOOLS CABLE TOOLS X	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)* Wasatch 12,215'-12,849', 12,907'-13,683', 13,717'-14,424'						25. WAS DIRECTIONAL SURVEY MADE Yes - Single Shot	
26. TYPE ELECTRIC AND OTHER LOGS RUN DLL/GR/Cal, Digital Sonic/GR/Cal, GR/CBL/CET mud logs 7-11-95						27. WAS WELL CORED No	
28. CASING RECORD (Report all strings set in well)							
CASING SIZE/GRADE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE	
20"				87'		26"	
13-3/8"		54.5#		1135'		17-1/2"	
9-5/8"		40#		7200'		12-1/4"	
29. LINER RECORD							
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*	
7"		6,922'		10,565'		630 SX	
5"		10,179'		14,498'		390 SX	
30. TUBING RECORD							
SIZE		DEPTH SET (MD)		PACKER SET (MD)			
2-7/8"		10,113'		None			
31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
12,215'-12,849', 3 spf, 138 holes				DEPTH INTERVAL (MD)			
12,907'-13,683', 3 spf, 201 holes				AMOUNT AND KIND OF MATERIAL USED			
13,717'-14,424', 147 holes				12,907'-13,683' Acidz w/6000 gal 15% HCl & 300 ball sealers.			
13,795', 4 spf, 4 holes				13,717'-14,424' Acidz w/4500 gal 15% HCl & 225 ball sealers.			
33.* PRODUCTION							
DATE FIRST PRODUCTION 7/30/95		PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) Pumping				WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 8/4/95		HOURS TESTED 24		CHOKE SIZE		PROD'N. FOR TEST PERIOD	
FLOW. TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE		OIL--BBL	
						278	
						0	
						217	
						OIL GRAVITY--API (CORR.)	
						278	
						0	
						217	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Venting							
35. LIST OF ATTACHMENTS Chronological History							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.							
SIGNED Sheila Bremer		TITLE Environmental & Safety Analyst					
DATE 09/22/95		DATE 09/22/95					

*(See Instructions and Spaces for Additional Data on Reverse Side) IV. OF OIL, GAS & MINING

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries);

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
				Lower Green River	9,162'	
				Wasatch	10,328'	
				Red Beds -- Top	10,670'	
				Red Beds -- Base	13,050'	

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Form 3160-5
(June 1990)

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT" - for such proposals

5. Lease Designation and Serial No.

14-20-H62-4647

6. If Indian, Alottee or Tribe Name

Ute

7. If Unit or CA, Agreement Designation

N/A

8. Well Name and No.

Ute #1-15B6

9. API Well No.

43-013-31484

10. Field and Pool, Or Exploratory Area

Altamont

11. County or Parish, State

Duchesne, Utah

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

ANR Production Company

3. Address and Telephone No.

P. O. Box 749, Denver, CO 80201-0749

(303) 573-4455

4. Location of Well (Footage, Sec., T., R., M., Or Survey Description)

1401' FSL & 1295' FWL

Section 15, T2S-R6W

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Production Pipeline

☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markets and zones pertinent to this work.)*

See attached survey plat for production pipeline. Pipeline will go off the side of the mountain down to the Ute #1-15B6 battery on the south side of the river. Landowner has given verbal approval for pipeline construction. All applicable damage settlements with the landowner are in the process of being settled by the Operator.

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY**

14. I hereby certify that the foregoing is true and correct

Signed

Sheila Bremer
Sheila Bremer

Title

Environmental & Safety Analyst

Date

OCT 26 1995
OCT 26 1995

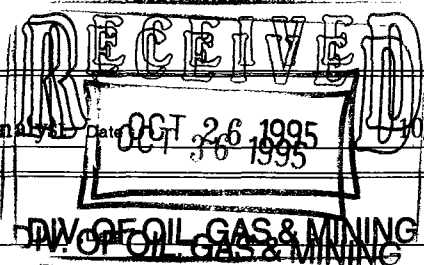
10/24/95

(This space for Federal or State office use)

APPROVED BY

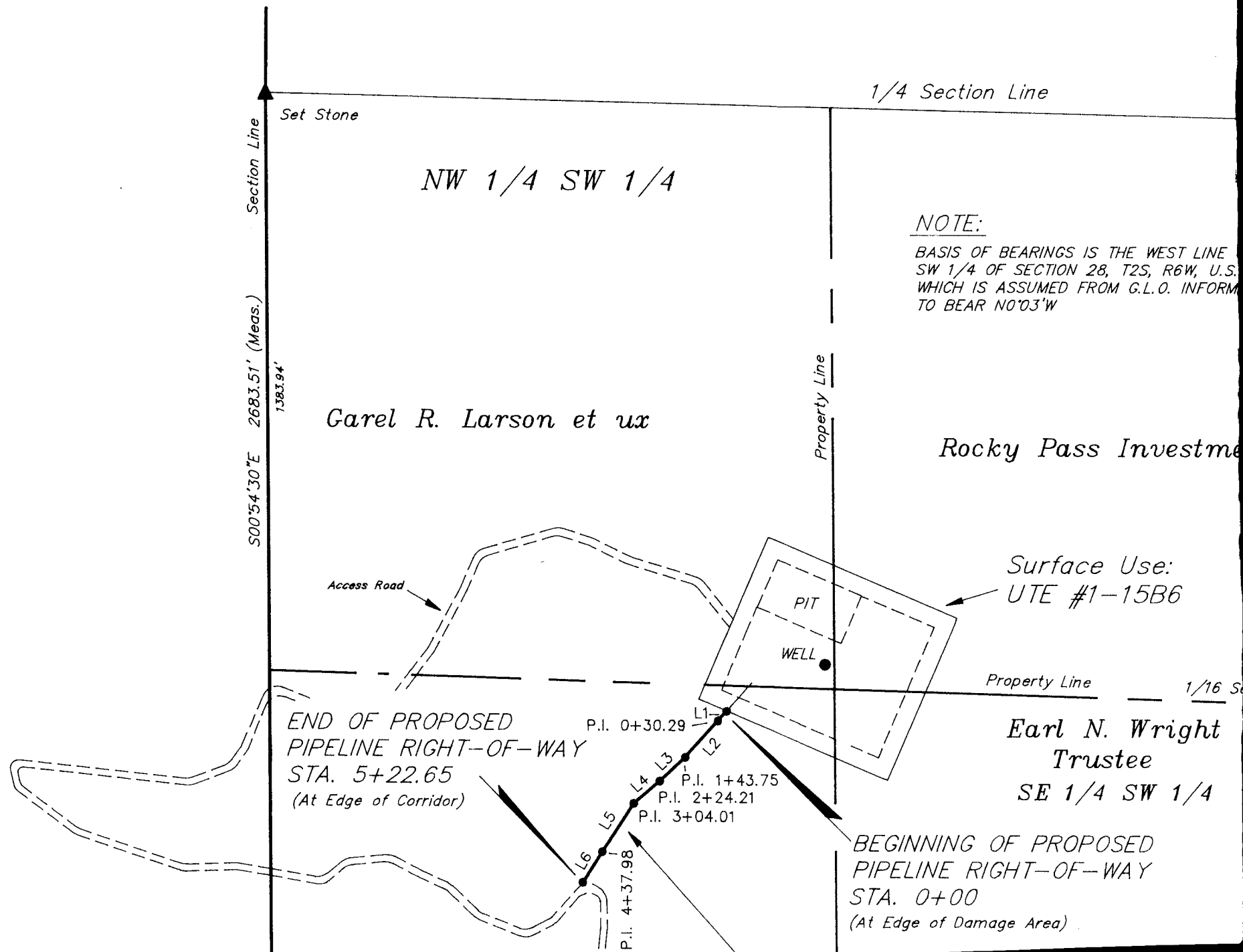
Title

Conditions of approval, if any:



Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side



~~Centerline of Proposed~~
Pipeline Right-of-Way

SW 1/4 SW 1/4
Carol R. Burkley
Trustee

SW Cor Sec. 16
Section Corner
Re-established
by Single Proportion
Method on Fence
(Not Set)

S88°37'32"W 5286.79' (Meas.)

Section Corner
Re-established
by Double Proportion
Method (Not Set).

N01°04'43"E 5368.02' (Meas.)

Corner
Missing

S87°55'49"E 2643.12' (Meas.)

Section Line

1/16 Section Line

Sec. 21 Sec. 22
Sec. 28 NW Corner
 Sec. 27
 Set Marked
 Stones

CORNER TIES

FROM:

SOUTH 1/4 CORNER SECTION 15

TO	BEARING	DISTANCE
BEG. STA. 0+00	N49°58'04"W	2086.14'
END STA. 5+22.65	N63°57'20"W	2147.26'

LINE	DIRECTION	DISTANCE
L1	S41°37'52"W	30.29'
L2	S41°47'46"W	113.46'
L3	S46°54'00"W	80.46'
L4	S49°12'00"W	79.80'
L5	S32°36'17"W	133.97'
L6	S31°56'47"W	84.67'

▲ = SECTION CORNERS LOCATED.

ANR PRODUCTION CO. RECEIVE

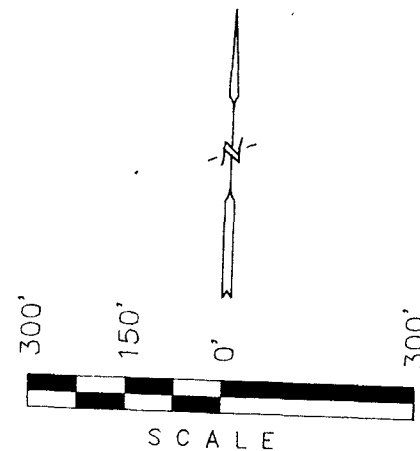
OCT 26 1995

PROPOSED PIPELINE

RIGHT-OF-WAY DIV. OF OIL, GAS & MINING

(For UTE #1-15B6)

LOCATED IN
SECTION 15, T2S, R6W, U.S.B.&M.
DUCHESNE COUNTY, UTAH



PROPOSED PIPELINE RIGHT-OF-WAY DESCRIPTION FOR
CAROL R. BURKLEY

Sec. 15

1/4 Section Line

IF THE
B.&M.
ATTOR

nts

Section Line

1/2" REBAR RIGHT-OF-WAY 16.5' ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE.

BEGINNING AT A POINT IN THE SW 1/4 OF SECTION 15, T2S, R6W, U.S.B.&M. WHICH BEARS N49°58'04"W 2086.14' FROM THE SOUTH 1/4 CORNER OF SAID SECTION 15, THENCE S41°37'52"W 30.29'; THENCE S41°47'46"W 113.46'; THENCE S46°54'00"W 80.46'; THENCE S49°12'00"W 79.80'; THENCE S32°36'17"W 133.97'; THENCE S31°56'47"W 84.67' TO A POINT IN THE SAID SW 1/4 OF SECTION 15 WHICH BEARS N63°57'20"W 2147.26' FROM THE SAID SOUTH 1/4 CORNER OF SECTION 15. THE SIDE LINES OF SAID DESCRIBED RIGHT-OF-WAY BEING SHORTENED OR ELONGATED TO MEET THE GRANTOR'S PROPERTY LINES. BASIS OF BEARINGS IS THE WEST LINE OF THE SW 1/4 OF SECTION 28, T2S, R6W, U.S.B.&M. WHICH IS ASSUMED FROM G.L.O. INFORMATION TO BEAR N0°03'W. CONTAINS 0.396 ACRES MORE OR LESS.

1/2" Rebar
E/W/S Fence

N89°27'32"E
2641.19' (Meas.)

SE COR. 15
1/2" Rebar
2"x6' Pipe

CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

UELS

UINTAH ENGINEERING & LAND SURVEYING

PHONE: (801) 789-1017

85 SOUTH 200 EAST - VERNAL, UTAH 84078

SCALE:

1" = 300'

DATE SURVEYED:

9-29-95

DATE DRAWN:

10-9-95

SURVEYED BY:

J.F. N.H. D.J.S.

DRAWN BY:

1" = 300'

WEATHER:

COOL

FILE:

31440

2

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
DRILLING INSPECTION FORM

OPERATOR: AME PRODUCTION CO COMPANY REP: SCOTT SEELEY

WELL NAME: UTE TRIBAL 1-13DE API NO: 43-013-21484

QTR/QTR: NW/SW SECTION: 15 TWP: 02S RANGE: 06W

CONTRACTOR: PARKER DRILLING COMPANY RIG NUMBER: #232

INSPECTOR: DENNIS L. INGRAM TIME: 12:30 PM DATE: 5/31/93

SPUD DATE: DRY: _____ ROTARY: 4/8/93 PROJECTED T.D. 14,550

OPERATIONS AT TIME OF VISIT: (10,560 ON VISIT) BEARING TO BOTTOM

WELL SIGN: Y MUD WEIGHT 9.4+ LBS/GAL HOPE: Y

BLOODE LINE: Y FLARE PIT: Y H2S POTENTIAL: NO

ENVIRONMENTAL:

RESERVE PIT: Y FENCED: Y LINED: Y PLASTIC: Y

BURDEN: _____ BENTONITE: _____ SANITATION: Y

HOPE TEST RECORDED IN THE RIG DAILY TOUR BOOK: YES

REMARKS:

OPERATOR LEFT FISH IN INTERMEDIATE HOLE. THEY HAVE DRILLED
SAME AND ARE NOW IN THE RED BEDS. SCOTT SAYS HE'LL RUN PIPE IF
CAN GET BACK TO BOTTOM -- THE HOLE IS BLUFFIN ON THEM. LAST
SURVEY WAS 3 3/4 DEGREES TAKEN AT 10,460.

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.

Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well:

OIL ☒ GAS ☐ OTHER:

2. Name of Operator:

Coastal Oil & Gas Corporation

3. Address and Telephone Number:

P.O. Box 749, Denver, CO 80201-0749

(303) 573-4455

4. Location of Well

Footages: See Attached

QQ, Sec., T., R., M.: See Attached

5. Lease Designation and Serial Number:

See Attached

6. If Indian, Allottee or Tribe Name:

See Attached

7. Unit Agreement Name:

See Attached

8. Well Name and Number:

See Attached

9. API Well Number:

See Attached

10. Field and Pool, or Wildcat:

See Attached

County: See Attached

State: Utah

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT

(Submit In Duplicate)

- | | |
|--|---|
| <input type="checkbox"/> Abandon | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recompletion |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Perforate |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

Approximate date work will start _____

SUBSEQUENT REPORT

(Submit Original Form Only)

- | | |
|--|---|
| <input type="checkbox"/> Abandon * | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Perforate |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other Change of Operator | |

Date of work completion _____

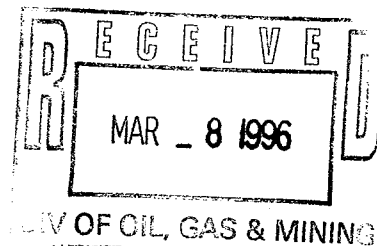
Report results of **Multiple Completions** and **Recompletions** to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Please be advised that effective December 27, 1995, ANR Production Company relinquished and Coastal Oil & Gas Corporation assumed operations for the subject wells (see attached). Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Coastal Oil & Gas Corporation under the following bonds: State of Utah #102103, BLM Nationwide Bond #U605382-9, and BIA Nationwide Bond #11-40-66A. Coastal Oil & Gas Corporation, as operator, agrees to be responsible under the terms and conditions of the leases for the operations conducted upon leased lands.

Bonnie Carson
Bonnie Carson, Sr. Environmental & Safety Analyst
ANR Production Company



13.

Sheila Bremer
Environmental & Safety Analyst

Name & Signature: *Sheila Bremer*

Title: Coastal Oil & Gas Corporation

Date: 03/07/96

(This space for State use only)

Well Name & No.	API No.	Lease Designation & Serial Number	If Indian, Allottee or Tribe Name	CA No.	LOCATION OF WELL		Field	County
					Footages	Section, Township & Range		
Miles 2-1B5	43-013-31257	Fee 11062	N/A	N/A	1567' FSL & 1868' FWL	NESW, 1-2S-5W	Altamont	Duchesne
Miles 2-3B3	43-013-31261	Fee 11102	N/A	N/A	2078' FSL & 2477' FWL	NESW, 3-2S-3W	Altamont	Duchesne
Monsen 1-21A3	43-013-30082	Patented 1590	N/A	N/A	1546' FNL & 705' FEL	SENE, 21-1S-3W	Altamont	Duchesne
Monsen 2-22A3	43-013-31265	Fee 11098	N/A	N/A	1141' FSL & 251' FWL	SWSW, 22-1S-3W	Altamont	Duchesne
Murdock 2-26B5	43-013-31124	Fee 1531	N/A	N/A	852' FWL & 937' FSL	SWSW, 26-2S-5W	Altamont	Duchesne
Potter 1-24B5	43-013-30356	Patented 1730	N/A	N/A	1110' FNL & 828' FEL	SENE, 24-2S-5W	Altamont	Duchesne
Potter 1-2B5	43-013-30293	Patented 1826	N/A	N/A	1832' FNL & 1385' FEL	SWNE, 2-2S-5W	Altamont	Duchesne
Potter 2-24B5	43-013-31118	Fee 1731	N/A	N/A	922' FWL & 2124' FSL	NWSW, 24-2S-5W	Altamont	Duchesne
Potter 2-6B4	43-013-31249	Fee 11038	N/A	N/A	1517' FSL & 1732' FWL	NESW, 6-2S-4W	Altamont	Duchesne
Powell 1-33A3	43-013-30105	Fee 1625	N/A	N/A	2340' FNL & 660' FEL	SENE, 33-1S-3W	Altamont	Duchesne
Powell 2-33A3	43-013-30704	Fee 2400	N/A	N/A	1582' FSL & 1558' FWL	NESW, 33-1S-3W	Altamont	Duchesne
Reeder 1-17B5	43-013-30218	Patented 1710	N/A	N/A	1619' FNL & 563' FEL	SENE, 17-2S-5W	Altamont	Duchesne
Remington 1-34A3	43-013-30139	Patented 1725	N/A	N/A	919' FNL & 1596' FEL	NWNE, 34-1S-3W	Altamont	Duchesne
Remington 2-34A3	43-013-31091	Fee 1736	N/A	N/A	1645' FWL & 1833' FSL	NESW, 34-1S-3W	Altamont	Duchesne
Roper 1-14B3	43-013-30217	Fee 1850	N/A	N/A	1623' FNL & 2102' FWL	SENE, 14-2S-3W	Bluebell	Duchesne
Rust 1-4B3	43-013-30063	Patented 1595	N/A	N/A	2030' FNL & 660' FEL	SENE, 4-2S-3W	Altamont	Duchesne
Rust 3-4B3	43-013-31070	Fee 1576	N/A	N/A	1072' FSL & 1460' FWL	SESW, 4-2S-3W	Altamont	Duchesne
Smith 1-31B5	43-013-30577	Fee 1955	N/A	N/A	2232' FSL & 1588' FEL	NWSE, 31-2S-5W	Altamont	Duchesne
State 1-19B1	43-013-30688	ML-30598 Fee 2395	N/A	N/A	1043' FWL & 1298' FNL	NWNE, 19-2S-1W	Bluebell	Duchesne
Stevenson 2-29A3	43-013-31376	Fee 11442	N/A	N/A	1347' FNL & 1134' FWL	CNW, 29-1S-3W	Altamont	Duchesne
Tew 1-15A3	43-013-30529	Fee 1945	N/A	N/A	1215' FEL & 1053' FNL	NENE, 15-1S-3W	Altamont	Duchesne
Tew 1-1B5	43-013-30264	Patented 1870	N/A	N/A	1558' FNL & 671' FEL	NENE, 1-2S-5W	Altamont	Duchesne
Todd 2-21A3	43-013-31296	Fee 11268	N/A	N/A	2456' FSL & 1106' FWL	NWSW, 21-1S-3W	Bluebell	Duchesne
Weikert 2-29B4	43-013-31298	Fee 11332	N/A	N/A	1528' FNL & 1051' FWL	SWNW, 29-2S-4W	Bluebell	Duchesne
Whitehead 1-22A3	43-013-30357	Patented 1885	N/A	N/A	2309' FNL & 2450' FEL	SWNE, 22-1S-3W	Altamont	Duchesne
Winkler 1-28A3	43-013-30191	Patented 1750	N/A	N/A	660' FNL & 1664' FEL	NWNE, 28-1S-3W	Altamont	Duchesne
Winkler 2-28A3	43-013-31109	Fee 1751	N/A	N/A	1645' FWL & 919' FSL	SESW, 28-1S-3W	Altamont	Duchesne
Wright 2-13B5	43-013-31267	Fee 11115	N/A	N/A	2442' FNL & 2100' FWL	SENE, 13-2S-5W	Altamont	Duchesne
Young 1-29B4	43-013-30246	Patented 1791	N/A	N/A	2311' FNL & 876' FEL	SENE, 29-2S-4W	Altamont	Duchesne
Young 2-15A3	43-013-31301	Fee 11344	N/A	N/A	1827' FWL & 1968' FWL	NWSW, 15-1S-3W	Altamont	Duchesne
Young 2-30B4	43-013-31366	Fee 11453	N/A	N/A	2400' FNL & 1600' FWL	SENE, 30-2S-4W	Altamont	Duchesne
Ute Tribal 2-21B6	43-013-31424	14-20-H62-2489 11615	Ute	9639	1226' FSL & 1306' FEL	SESE, 22-2S-6W	Altamont	Duchesne
Ute 1-34A4	43-013-30075	14-20-H62-1774 1585	Ute	9640	1050' FWL & 1900' FNL	SWNW, 12-2S-3W	Bluebell	Duchesne
Ute 1-36A4	43-013-30069	14-20-H62-1793 1580	Ute	9642	1544' FEL & 1419' FNL	SWNE, 28-2S-4W	Altamont	Duchesne
Ute 1-1B4	43-013-30129	14-20-H62-1798 1700	Ute	9649	500' FNL & 2380' FWL	NENW, 1-2S-4W	Altamont	Duchesne
Ute Jenks 2-1B4	43-013-31197	14-20-H62-1782 10844	Ute	9649	1167' FSL & 920' FWL	SWSW, 33-1N-2W	Bluebell	Duchesne
Evans 2-19B3	43-013-31113	14-20-H62-1734 1777	Ute	9678	983' FSL & 683' FEL	SESE, 21-2S-6W	Altamont	Duchesne
Ute 3-12B3	43-013-31379	14-20-H62-1810 11490	Ute	9679	2219' FNL & 2213' FEL	SWNE, 8-1S-1E	Bluebell	Uintah
Ute 1-28B4	43-013-30242	14-20-H62-1745 1796	Ute	9681	1727' FWL & 1675' FSL	NESW, 19-2S-3W	Altamont	Duchesne
Murdock 2-34B5	43-013-31132	14-20-H62-2511 10456	Ute	9685	1420' FNL & 1356' FEL	SWNE, 34-1S-4W	Altamont	Duchesne
Ute Tribal 10-13A4	43-013-30301	14-20-H62-1685 5925	Ute	9C-126	2230' FNL & 1582' FEL	SWNE, 33-1N-2W	Bluebell	Duchesne
Ute 1-8A1E	43-047-30173	14-20-H62-2714 1846	Ute	9G138	1543' FSL & 2251' FWL	NESW, 34-2S-5W	Altamont	Duchesne
Ute 2-33Z2	43-013-31111	14-20-H62-1703 10451	Ute	9C140	802' FNL & 1545' FWL	NWNE, 13-1S-4W	Altamont	Duchesne
Ute Tribal 1-33Z2	43-013-30334	14-20-H62-1703 1851	Ute	9C140	1660' FSL & 917' FWL	NWSW, 18-2S-3W	Altamont	Duchesne
Myrin Ranch 2-18B3	43-013-31297	14-20-H62-1744, 4521, 4522, 4554	N/A	11475 UTU70814	975' FNL & 936' FEL	NENE, 36-1S-4W	Altamont	Duchesne
Ute Tribal 2-22B6	43-013-31444	14-20-H62-4644 11641	Ute	UTU73743	1401' FSL & 1295' FWL	NWSW, 15-2S-6W	Altamont	Duchesne
Ute 1-15B6	43-013-31484	14-20-H62-4647 11816	Ute	UTU73964	1879' FNL & 1070' FEL	SENE, 1-2S-4W	Altamont	Duchesne
Ute 1-25A3	43-013-30370	14-20-H62-1802 1920	Ute	N/A	1727' FNL & 1784' FEL	SWNE, 25-1S-3W	Bluebell	Duchesne
Ute 1-26A3	43-013-30348	14-20-H62-1803 1890	Ute	N/A	1869' FNL & 1731' FWL	SENE, 26-1S-3W	Bluebell	Duchesne

9C140
 9639
 9C138
 9678
 9640
 9C140
 9685
 9C126
 9C140
 9642
 9649

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:
UT-922

April 11, 1996

Memorandum

TO: Superintendent, Uintah and Ouray Agency, Ft. Duchesne, Utah

FROM: Chief, Branch of Fluid Minerals, BLM, Utah State Office, Salt Lake City, Utah

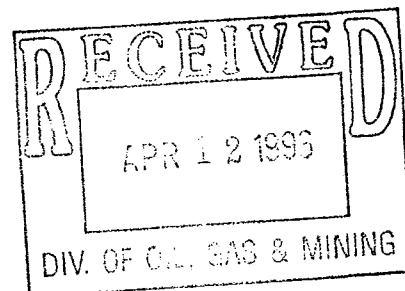
SUBJECT: Successor of Operator, Communitization Agreement's (CA) 96-000018, 96-000023, 96-000035, 96-000039, 96-000040, 96-000042, 96-000043, 96-000045, 96-000046, 96-000049, 96-000054, 96-000055, 96-000056, 96-000059, 96-000060, 96-000061, 96-000070, 96-000071, 96-000072, 96-000074, 96-000078, 96-000079, 96-000081, 96-000085, 96-000104, 9C-000126, 9C-000133, 9C-000138, 9C-000140, UT080149-87C696, UT70814, UTU73743 and UTU73964, Duchesne and Uintah Counties, Utah

The enclosed Designation of Successor of Operators for CA's 96-000018, 96-000023, 96-000035, 96-000039, 96-000040, 96-000042, 96-000043, 96-000045, 96-000046, 96-000049, 96-000054, 96-000055, 96-000056, 96-000059, 96-000060, 96-000061, 96-000070, 96-000071, 96-000072, 96-000074, 96-000078, 96-000079, 96-000081, 96-000085, 96-000104, 9C-000126, 9C-000133, 9C-000138, 9C-000140, UT080149-87C696, UT70814, UTU73743 and UTU73964, Duchesne and Uintah Counties, Utah, have been reviewed by this office and found to be acceptable and we recommend approval. The new operator will be Coastal Oil & Gas Corporation. Upon approval of these Successor of Operators, please return one copy to this office.

If you have any questions, please contact Teresa Thompson at (801) 539-4047.

Enclosures

bcc: ~~96-000100~~
CA's (33)
DM - Vernal
Division Oil, Gas & Mining
Agr. Sec. Chron.
Fluid Chron



UNITED STATES GOVERNMENT
memorandum

DATE: August 16, 1996

REPLY TO
ATTN OF: Superintendent, Uintah and Ouray Agency

SUBJECT: Designation of Successor Operator

TO: Bureau of Land Management, Vernal District Office

We are in receipt of the Designations of Successor Operator for our approval whereby Coastal Oil & Gas Corporation was designated as the new Operator for the Communization Agreements (CA) listed on the attached sheet, Exhibit "A".

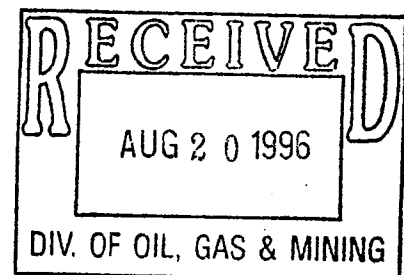
The enclosed instruments were approved on the date of this letter. Coastal's Nationwide Bond will be used to cover all operations, and plugging and abandonment of wells.

If you have any questions, please contact this office at (801) 722-2406, Ext. 51/52/54.

Charles H. Cameron

Enclosures

cc: ~~Lisha Cordova, Utah State DOGM~~
Theresa Thompson, BLM/SLC



DESIGNATION OF SUCCESSOR OPERATOR

Communitization Agreement Numbers are listed on attached Exhibit "A"

Designation of successor Operator for communitized area, Counties of Uintah and Duchesne, State of Utah, being:

(See attached Exhibit "A" for description of Communitization Agreements)

THIS INDENTURE, dated as of the 9th day of April, 1996, by and between Coastal Oil & Gas Corporation, hereinafter designated as "First Party", and the owners of communitized working interests, hereinafter designated as "Second Parties",

WHEREAS, under the provisions of the Act of February 25, 1920, 41 Stat. 437, 30 U.S.C. Secs. 181, et seq., as amended by the Act of August 8, 1946, 60 Stat. 950, a Communitization Agreement for the above Communitized Area, effective (see attached Exhibit "A") wherein ANR Production Company is designated as Operator of the communitized area; and

WHEREAS said, ANR Production Company has resigned as Operator, and the designation of successor operator is now required pursuant to the terms thereon; and

WHEREAS the First Party has been and hereby is designated by Second Parties as Operator of the communitized area, and said First Party desires to assume all the rights, duties and obligations of Operator under the said Communitization Agreement.

NOW, THEREFORE, in consideration of the premises hereinbefore set forth and the promises hereinafter stated, the First Party hereby covenants and agrees to fulfill the duties and assume the obligations of Operator of the communitized area under and pursuant to all the terms of said Communitization Agreement, and the Second Parties covenants and agree that, effective upon approval of this indenture by the Chief, Branch of Fluid Minerals, Bureau of Land Management, First Party shall be granted the exclusive right and privilege of exercising any and all rights and privileges as Operator, pursuant to the terms and conditions of said Communitization Agreement; and said Agreement being hereby incorporated herein by referenced and made a part hereof as fully and effectively as though said Agreement were expressly set forth in this instrument.

IN WITNESS WHEREOF, the parties hereto have executed this instrument as of the date hereinabove set forth.

FIRST PARTY
COASTAL OIL & GAS CORPORATION

By: C. E. Lindberg
C. E. Lindberg
Vice President

STATE OF COLORADO)
)
COUNTY OF Denver)

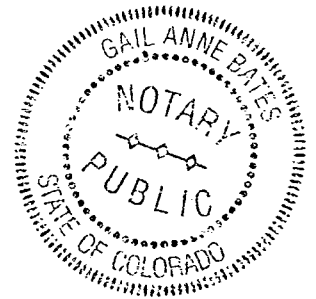
The foregoing instrument was acknowledged before me on the 9th day of April, 1996 by C. E. Lindberg, known to me to be the vice President of Coastal Oil & Gas Corporation, a Delaware corporation, on behalf of said corporation.

Given under my hand and official seal of office on this 9th day of April, 1996.

Gail Anne Bates
Notary Public in and for the State of Colorado

My Commission Expires:

MY COMMISSION EXPIRES: May 14, 1997
1314 W. Shepperd Ave., #203B
Littleton, Colorado 80120



The Designation of Successor Operator is hereby approved this **16th day of August, 1996**, for the Communitization Agreements listed on the attached sheet as Exhibit "A".

Charles H. Cameron
Acting Superintendent
BIA - Uintah & Ouray Agency

Communitization Agreement

Well Name	Well Location	County	State	Number	Description	Acres	Effective Date
Evans Ute 2-17B3	NWSW, 17-2S-3W	Duchesne	Utah	96104	All Sec. 17-T2S-R3W	640.00	10/01/73
Miles 1-35A4	SWNE, 35-1S-4W	Duchesne	Utah	9618	All Sec. 35-T1S-R4W	640.00	07/01/70
Miles 2-35A4	NWSW, 35-1S-4W	Duchesne	Utah	9618	All Sec. 35-T1S-R4W	640.00	07/01/70
Brotherson 2-11B4	SESW, 11-2S-4W	Duchesne	Utah	9623	All Sec. 11-T2S-R4W	640.00	09/01/70
Brotherson 2-2B4	NESW, 2-2S-4W	Duchesne	Utah	9635	All Sec. 2-T2S-R4W	684.24	03/29/71
Brotherson 1-2B4	SWNE, 2-2S-4W	Duchesne	Utah	9635	All Sec. 2-T2S-R4W	684.24	03/29/71
Broadhead 1-21B6	NWNE, 21-2S-6W	Duchesne	Utah	9639	All Sec. 21-T2S-R6W	640.00	10/21/71
Ute Tribal 2-21B6	SESE, 21-2S-6W	Duchesne	Utah	9639	Sec. 21-T2S-R6W	640.00	10/21/71
Ute 1-34A4	SWNE, 34-1S-4W	Duchesne	Utah	9640	All Sec. 34-T1S-R4W	640.00	09/03/71
Ute Brotherson 2-34A4	NWSW, 34-1S-4W	Duchesne	Utah	9640	All Sec. 34-T1S-R4W	640.00	09/03/71
Rust 2-36A4	NESW, 36-1S-4W	Duchesne	Utah	9642	All Sec. 36-T1S-R4W	640.00	12/08/71
Ute 1-36A4	NENE, 36-1S-4W	Duchesne	Utah	9642	All Sec. 36-T1S-R4W	640.00	12/08/72
Babcock 1-12B4	SENE, 12-2S-4W	Duchesne	Utah	9643	All Sec. 12-T2S-R4W	640.00	02/22/72
Babcock 2-12B4	SWSW, 12-2S-4W	Duchesne	Utah	9643	All Sec. 12-T2S-R4W	640.00	02/22/72
Ellsworth 2-9B4	NESW, 9-2S-4W	Duchesne	Utah	9645	All Sec. 9-T2S-R4W	640.00	03/27/72
Ellsworth 1-9B4	SENE, 9-2S-4W	Duchesne	Utah	9645	All Sec. 9-T2S-R4W	640.00	03/27/72
Burton 2-15B5	NWSW, 15-2S-5W	Duchesne	Utah	9646	All Sec. 15-T2S-R5W	640.00	05/30/72
Ute 1-1B4	SENE, 1-2S-4W	Duchesne	Utah	9649	All Sec. 1-T2S-R4W	688.00	05/15/72
Ute Jenks 2-1B4	NENW, 1-2S-4W	Duchesne	Utah	9649	All Sec. 1-T2S-R4W	688.00	05/15/72
Tew 2-10B5	SWSW, 10-2S-5W	Duchesne	Utah	9654	All Sec. 10-T2S-R5W	640.00	09/26/72
Goodrich 1-2B3	NWSE, 2-2S-3W	Duchesne	Utah	9655	All Sec. 2-T2S-R3W	645.84	09/15/72
Goodrich 2-2B3	NENW, 2-2S-3W	Duchesne	Utah	9655	All Sec. 2-T2S-R3W	645.84	09/15/72
Robb 2-29B5	SESW, 29-2S-5W	Duchesne	Utah	9656	All Sec. 29-T2S-R5W	640.00	10/01/72
Ellsworth 1-16B4	NENE, 16-2S-4W	Duchesne	Utah	9659	All Sec. 16-T2S-R4W	640.00	10/04/72
Ellsworth 2-16B4	NWSW, 16-2S-4W	Duchesne	Utah	9659	All Sec. 16-T2S-R4W	640.00	10/04/72
Lake Fork 2-13B4	SWSW, 13-2S-4W	Duchesne	Utah	9660	All Sec. 13-T2S-R4W	640.00	10/26/72
Jessen 2-21A4	SESW, 21-1S-4W	Duchesne	Utah	9661	All Sec. 21-T1S-R4W	640.00	09/01/72
Jenkins 2-1B3	SWSW, 1-2S-3W	Duchesne	Utah	9670	All Sec. 1-T2S-R3W	644.92	11/30/72
Jenkins 1-1B3	SENE, 1-2S-3W	Duchesne	Utah	9670	All Sec. 1-T2S-R3W	644.92	11/30/72
Birch 3-27B5	SWSW, 27-2S-5W	Duchesne	Utah	9671	All Sec. 27-T2S-R5W	640.00	01/30/73
Lazy K 2-11B3	NWNE, 11-2S-3W	Duchesne	Utah	9672	All Sec. 11-T2S-R3W	640.00	01/30/73
Rudy 1-11B3	NWSE, 11-2S-3W	Duchesne	Utah	9672	All Sec. 11-T2S-R3W	640.00	01/30/73
Brotherson 1-24B4	SWNE, 24-2S-4W	Duchesne	Utah	9674	All Sec. 24-T2S-R4W	640.00	03/13/73
Evans 2-19B3	NESW, 19-2S-3W	Duchesne	Utah	9678	All Sec. 19-T2S-R3W	632.66	01/22/73
Evans 1-19B3	NENE, 19-2S-3W	Duchesne	Utah	9678	All Sec. 19-T2S-R3W	632.66	01/22/73
Ute 3-12B3	SWNW, 12-2S-3W	Duchesne	Utah	9679	All Sec. 12-T2S-R3W	640.00	04/16/73

Communitization Agreement

<i>Well Name</i>	<i>Well Location</i>	<i>County</i>	<i>State</i>	<i>Number</i>	<i>Description</i>	<i>Acres</i>	<i>Effective Date</i>
Jenkins 2-12B3	SENE, 12-2S-3W	Duchesne	Utah	9679	All Sec. 12-T2S-R3W	640.00	04/16/73
Bleazard 2-28B4	NESW, 28-2S-4W	Duchesne	Utah	9681	All Sec. 28-T2S-R4W	640.00	03/15/73
Ute 1-28B4	SWNE, 28-2S-4W	Duchesne	Utah	9681	All Sec. 28-T2S-R4W	640.00	03/15/73
Murdock 2-34B5	NESW, 34-2S-5W	Duchesne	Utah	9685	All Sec. 34-T2S-R5W	640.00	02/12/73
Ute Tribal 10-13A4	NWNE, 13-1S-4W	Duchesne	Utah	9C-126	All Sec. 13-T1S-R4W	640.00	03/10/74
C.R. Aimes 1-23A4	SENE, 23-1S-4W	Duchesne	Utah	9C133	All Sec. 23-T1S-R4W	640.00	03/01/74
Ute 1-8A1E	SWNE, 8-1S-1E	Uintah	Utah	9C138	All Sec. 8-T1S-R1E	640.00	10/21/74
Ute 2-33Z2	SWSW, 33-1N-2W	Duchesne	Utah	9C140	All Sec. 33-T1N-R2W	640.00	08/01/75
Ute Tribal 1-33Z2	SWNE, 33-1N-2W	Duchesne	Utah	9C140	All Sec. 33-T1N-R2W	640.00	08/01/75
Ute Smith 1-30B5	NESE, 30-2S-5W	Duchesne	Utah	UT08014987C696	All Sec. 30-T2S-R5W	609.24	06/18/81
Myrin Ranch 2-18B3	NWSW, 18-2S-3W	Duchesne	Utah	UTU70814	All Sec. 18-T2S-R3W	629.70	11/05/92
Ute Tribal 2-22B6	SESE, 22-2S-6W	Duchesne	Utah	UTU73743	Sec. 22-T2S-R6W	640.00	09/06/94
Ute 1-15B6	NWSW, 15-2S-6W	Duchesne	Utah	UTU73964	All Sec. 15-T2S-T6W	640.00	04/11/95

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing: *EH*

1	<i>EC-7-57</i>
2	<i>DTS 8-FILE</i>
3	<i>VED</i>
4	<i>RJT</i>
5	<i>EC</i>
6	<i>FILM</i>

Attach all documentation received by the division regarding this change.
 Initial each listed item when completed. Write N/A if item is not applicable.

- ☒ Change of Operator (well sold) ☐ Designation of Agent
☐ Designation of Operator ☐ Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 12-27-95)

TO (new operator) <u>COASTAL OIL & GAS CORP</u>	FROM (former operator) <u>ANR PRODUCTION CO INC</u>
(address) <u>PO BOX 749</u>	(address) <u>PO BOX 749</u>
<u>DENVER CO 80201-0749</u>	<u>DENVER CO 80201-0749</u>
phone <u>(303) 572-1121</u>	phone <u>(303) 572-1121</u>
account no. <u>N 0230 (B)</u>	account no. <u>N0675</u>

Well(s) (attach additional page if needed):

Name: **SEE ATTACHED**	API: <u>03-31484</u>	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

- lec* 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). *(Rec'd 3-8-96)*
- lec* 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). *(Rec'd 3-8-96)*
- N/A* 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) _____ If yes, show company file number: _____
- N/A* 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
- lec* 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. *(3-11-96) (4-3-96/Indian) (4-15-96/Fee C.A.'s) (8-20-96/Indian C.A.'s)*
- lec* 6. Cardex file has been updated for each well listed above.
- lec* 7. Well file labels have been updated for each well listed above.
- lec* 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. *(3-11-96)*
- lec* 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- Yes 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) (no) (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only) *Surety No. U605382-1 (\$80,000) United Pacific Ins. Co.*

- Yes 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
2. A copy of this form has been placed in the new and former operators' bond files. ** Upon Compl. of routing.*
- Yes 3. The former operator has requested a release of liability from their bond (yes/no) (no). Today's date March 11, 1996. If yes, division response was made by letter dated 19 . *(Same Bond as Coastal)*

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- N/A 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated 19 , of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
2. Copies of documents have been sent to State Lands for changes involving State leases.

FILMING

- Yes 1. All attachments to this form have been microfilmed. Date: 1-7 1997.

FILING

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form and the original attachments have been filed in the Operator Change file.

COMMENTS

960311 This change involves Fee lease / non C.A. wells ~~only~~ in State lease wells.
C.A. & Indian lease wells will be handled on separate change.

960412 BLM / SL Apprv. C.A.'s 4-11-96.

960820 BIA Apprv. CA's 8-16-96.

960329 BIA Apprv. Indian Lease wells 3-26-96.

WE71134-35

* 961107 Lemicy 2-5B2 / 43-013-30784 under review at this time; no chg. yet!

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT" - for such proposals

5. Lease Designation and Serial No.

14-20-H62-4647

6. If Indian, Alottee or Tribe Name

Ute

7. If Unit or CA, Agreement Designation

N/A

8. Well Name and No.

Ute #1-15B6

9. API Well No.

43-013-31484

10. Field and Pool, Or Exploratory Area

Altamont

11. County or Parish, State

Duchesne, Utah

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

ANR Production Company

3. Address and Telephone No.

P. O. Box 749, Denver, CO 80201-0749

(303) 573-4455

4. Location of Well (Footage, Sec., T., R., M., Or Survey Description)

1401' FSL & 1295' FWL

Section 15, T2S-R6W

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other ROW Agreement for Production Pipeline
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markets and zones pertinent to this work.)*

A ROW agreement, for the production pipeline referenced in the sundry dated 10/24/95, was reached between the Operator and the landowner and was signed on 11/6/95.

14. I hereby certify that the foregoing is true and correct

Signed

Sheila Bremer
Sheila Bremer

Title

Environmental & Safety Analyst

Date

02/07/96

(This space for Federal or State office use)

APPROVED BY

Title

Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

***See Instruction on Reverse Side**

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.

Use "APPLICATION FOR PERMIT - " for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Coastal Oil & Gas Corporation

3. Address and Telephone No.

P.O. Box 749, Denver, CO 80201-0749

(303) 573-4455

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1401' FSL & 1295' FWL
Section 15, T2S-R6W

5. Lease Designation and Serial No.

14-20-H62-4647

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA, Agreement Designation

N/A

8. Well Name and No.

Ute #1 15B6

9. API Well No.

43-013-31484

10. Field and Pool, or exploratory Area

Altamont

11. County or Parish, State

Duchesne UT

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

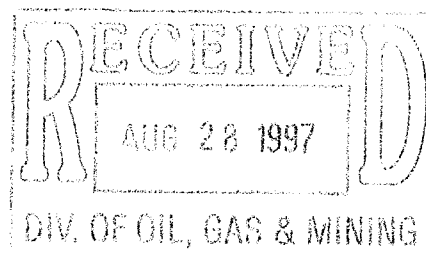
TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Perf & Acidize
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Please see the attached procedure for work to be performed in the subject well.



14. I hereby certify that the foregoing is true and correct

Signed

Sheila Bremer

Title

Sheila Bremer

Environmental & Safety Analyst

Date

8/26/97

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

* See Instruction on Reverse Side

UTE 1-15B6
Section 15 T2S R6W
Altamont Field
Duchesne County, Utah

PROCEDURE:

1. MIRU PU. POOH w/ rods and pump. ND WH. NU BOPE. Rlse TAC set @ 10,113. POOH w/ tbg.
2. MIRU Wireline CO. RIH w/ 4 1/8" GR/JB to PBTD @ 14,450'. If bridges tagged above PBTD clean out with 4 1/8" mill and C/O tools.
3. Perforate the following interval w/ 3-1/8" csg gun loaded w/ 3 JSPF, 120 degree phasing (see attached perf detail).

12,311 - 14,393 (68', 204 holes)

Tie into Schlumberger Cement Analysis Log, Run #1 dated 7/22/95.
Monitor all fluids and pressure changes.

4. RIH w/ 5" ret pkr, 2-7/8" HD workstring, 3-1/2" 9.3#, P-110 tbg. Set pkr @ about 13,700'. Perfs open above @ 13,683 & below @ 13,717.
5. Acidize perfs from 13,717 to 14,424 (237 holes) w/ 7,200 gals 15% HCL as per attached treatment schedule. MTP 9,000 psi. Rlse pkr. PUH & reset @ 12,180. PT csg to 500 psi. Hold 500 psi on backside. Acidize interval from 12,215 to 13,683 (453 holes) w/ 13,600 gal 15% HCL as per attached procedure. MTP 9,000 psi. **Note: Both jobs must be performed in the same day.**
6. Swab/flow back load and test. Rlse pkr. POOH. **Depending on the results of the swab test, the well may be placed on production and the Upper Wasatch may be completed at a later date.**
7. MIRU Wireline Co. Set CIBP @ 10,755. Perforate the following interval w/ 3-1/8" csg gun loaded w/ 3 JSPF, 120 degree phasing (see attached perf detail)

10,274' - 10,717' (56', 168 holes)

Tie into Schlumberger Cement Analysis Log, Run #1 dated 7/22/95.
Monitor all fluids and pressure changes.

PROCEDURE: (con't)

8. RIH w/ 5" ret pkr, 2-7/8" HD workstring, 3-1/2" 9.3#, P-110 tbg. Set pkr @ about 10,200' (TOL @ 10,179).
9. PT csg to 500 psi. Hold 500 psi on backside. Acidize perms from 10,274'-10,717' (168 holes) w/ 5100 gals 15% HCL as per attached procedure.
10. Swab/flow back load and test. Rlse pkr. POOH.
11. RIH w/ 4-1/8" mill and CO tools on 2-7/8" tbg. Drill out CIBP and push to PBTD @ 14,450'. POOH. **(This step may be eliminated depending on swab results of lower zones).**
12. RIH w/ pumping BHA. Call Denver for BHA design.

GREATER ALTAMONT FIELD

UTE #1-15B6

Section 15, T2S - R6W

Duchesne County, Utah

Lower Wasatch Perforation Schedule

Schlumberger Cement Analysis Log Run #1 (7/22/95)		
12,311	12,956	13,965
12,338	13,006	13,979
12,344	13,014	14,001
12,383	13,031	14,013
12,403	13,044	14,030
12,468	13,051	14,072
12,478	13,132	14,107
12,492	13,331	14,120
12,510	13,340	14,126
12,581	13,482	14,157
12,628	13,498	14,174
12,691	13,503	14,196
12,696	13,541	14,215
12,705	13,565	14,221
12,743	13,630	14,226
12,754	13,783	14,236
12,816	13,808	14,242
12,826	13,851	14,249
12,854	13,864	14,264
12,859	13,913	14,312
12,863	13,920	14,386
12,898	13,928	14,393
12,939	13,938	

68 ZONES

S. H. Laney

7/22/97

B6-15P1.WK4

GREATER ALTAMONT FIELD**UTE #1-15B6****Section 15, T2S - R6W****Duchesne County, Utah****Upper Wasatch Perforation Schedule**

Schlumberger Cement Analysis Log Run #1 (7/22/95)		
10,274	10,406	10,532
10,276	10,416	10,550
10,286	10,418	10,556
10,289	10,423	10,565
10,302	10,430	10,573
10,306	10,434	10,579
10,312	10,444	10,586
10,320	10,452	10,604
10,329	10,457	10,615
10,335	10,468	10,627
10,340	10,472	10,632
10,346	10,474	10,638
10,361	10,478	10,651
10,369	10,480	10,659
10,376	10,482	10,678
10,386	10,488	10,682
10,389	10,490	10,686
10,396	10,506	10,717
10,401	10,519	

56 ZONES

S. H. Laney

7/22/97

Well Name: Ute #1-15B6Date: 8/4/97

Stage #1					
Fluid Description	Stage #	**% KCl (Gal)	Gelled 10 ppg Brine (Gal)	15 % Acid Vol. (Gal)	Ball Sealers (#, Sg)
Pad	1	5,000			
Acid	2			1,200	60
Divertor	3		1,500		
Acid	4			2,500	125
Divertor	5		1,000		
Acid	6			3,500	175
Flush	7	5,700			
Totals	(gals):	10,700	2,500	7,200	360, 1.3 S.G.
	(bbls):	255	60	171	

Gelled Saltwater to contain: _0_ppg BAF_1_ppg Rock Salt_N_Crosslinked?

WF140 gel

% KCl to be determined by Mike Angus to match formation salinity

Perforations from 13,717' - 14,424'

Packer set @ 13,700'

Treatment down 3 1/2" tubing @ 9,000 psi MTP

Well Name: Ute #1-15B6

Date: 8/4/97

Stage #2

Fluid Description	Stage #	**% KCl (Gal)	Gelled 10 ppg Brine (Gal)	15 % Acid Vol. (Gal)	Ball Sealers (#, Sg)
Pad	1	4,400			
Acid	2			2,000	100
Divertor	3		2,000		
Acid	4			3,500	175
Divertor	5		1,500		
Acid	6			4,000	200
Divertor	7		1,000		
Acid	8			4,100	205
Flush	9	5,800			
Totals	(gals):	10,200	4,500	13,600	680, 1.3 S.G.
	(bbls):	243	107	324	

Gelled Saltwater to contain: _0_ppg BAF

_1_ppg Rock Salt

_N_Crosslinked?

WF140 gel

% KCl to be determined by Mike Angus to match formation salinity

Perforations from 12,215' - 13,683'

Packer set @ 12,180'

Treatment down 3 1/2" tubing @ 9,000 psi MTP

Well Name: Ute #1-15B6Date: 8/4/97

Stage #3

Fluid Description	Stage #	**% KCl (Gal)	Gelled 10 ppg Brine (Gal)	15 % Acid Vol. (Gal)	Ball Sealers (#, Sg)
Pad	1	3,700			
Acid	2			2,000	100
Divertor	3		1,700		
Acid	4			3,100	155
Flush	5	4,200			
Totals	(gals):	7,900	1,700	5,100	255, 1.3 S.G.
	(bbls):	188	40	121	

Gelled Saltwater to contain: _0_ppg BAF_1_ppg Rock Salt_N_Crosslinked?

WF140 gel

% KCl to be determined by Mike Angus to match formation salinity

Perforations from 10,274' - 10,717'

Packer set @ 10,200'

Treatment down 3 1/2" tubing @ 9,000 psi MTP

Service Co. WESTERN OIL WELL Well UTE 1-15 B6

#20

Cnty DUCHESNE State UTAHDate AUGUST 27, 1995Foreman MARVIN BOZARTH

CSG DATA

SIZE	WT.	GRADE	FROM	TO
9 5/8"	40#	CF-95	0	7200'
7"	26#	CF-95	6922'	10,565'
5"	18#	CF-95	10,179'	14,498'

BRIEF COMPLETION SUMMARY

POOH w/ Prod. Equip. - Perf. Washch 13683'-12907' Acidize 201 Holes
 w/ 6000 Gal. 15% HCL - Moved up + Perf. Washch.
 12849'-12215' 138 Holes - Acidize w/ 4500 Gal. 15% HCL -
 Put well back on Prod.

FINAL STATUS	stretch	K.B
TBOHANGER	3.75	22.00
310 JTS 2 7/8 N-80 BRD		.80
2 7/8" +45 SN @ 10,001.06		9974.51
2 7/8 N-80-8" TQ SUB		1.08
4 1/2 N-80 PAGA (NEW STICK)		6.03
1 JT 2 7/8 N-80- BRD TRQ		32.72
2 7/8 solid Plug		32.40
1 1/4 N-80 BRD PERF. TOP TO BOTTOM		1.10
2 7/8 N-80 BRD TQ SUB		31.78
MSAT 7" B-2 TAC W/ CARBIDE SLIP'S		4.12
	EOt @	2.78
		10,113.07

SN @ 10,001.06

EOt @ 10,113.07

12,215'-12,849' 138 Holes

12,907'-13,683' 201 Holes

13,717'-14,424' 147 Holes

SOURCE PERFS 13,795

PBTD 14,450

T.D.

K.B. 22.00

← 9 5/8 40#

7" LINER
@ 6922'

← 7" 26#

← 5" LINER
@ 10,179

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.

Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Coastal Oil & Gas Corporation

3. Address and Telephone No.

P.O. Box 749, Denver, CO 80201-0749

(303) 573-4455

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1401' FSL & 1295' FWL
Section 15, T2S-R6W

5. Lease Designation and Serial No.

14-20-H62-4647

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA, Agreement Designation

N/A

8. Well Name and No.

Ute #1 15B6

9. API Well No.

43-013-31484

10. Field and Pool, or exploratory Area

Altamont

11. County or Parish, State

Duchesne UT

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

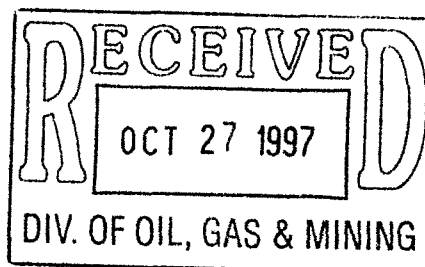
TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Perf & Acidize
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Please see the attached chronological history for work performed in the subject well.



WTC
denied
3-10-99
PRK
90 day
call

14. I hereby certify that the foregoing is true and correct

Signed

Sheila Bremer

Title Sheila Bremer

Environmental & Safety Analyst

Date 10/21/97

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

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COASTAL OIL & GAS CORPORATION
CHRONOLOGICAL HISTORY

Page 14

UTE #1-15B6 (PERF & ACIDIZE WASATCH)
ALTAMONT FIELD
DUCHESNE COUNTY, UTAH
WI: 99.72% AFE: 27290

9/30/97 **Flowing well.**
MIRU Dowell. Acidize perms from 10,274' to 10,717' w/5100 gals 15% HCL + 1 ppg RS + 255 1.3 BS. MTR 35.3 BPM, ATR 28 BPM, MTP 9050#, ATP 8500#, total load 400 bbls, diversion fair. ISIP 1480#, 5 min 943#, 10 min 764#, 15 min 636#. RD Dowell. Bled off tbg 300#, flow back 45 bbls. RU swab, swab for 2½ hrs, swab back 61 bbls, well began to flow. Well flwd 135 bbls in 4 hrs w/tr oil. Turn over to production, rec 241 bbls total. CC: \$158,264.

10/1/97 **Swab.**
RU swab, IFL 800', swab for 11 hrs, swab back 407 BW, tr oil, FFL 900'. CC: \$163,901.

10/2/97 **POOH & LD P-110 3½" tbg.**
500# on tbg, bled off. Swab, IFL 400', FFL 1000', rec 283 BW, tr oil/6 hrs. Rel pkr, POOH & LD P-110 3½" tbg. EOT 7800'. CC: \$168,095.

10/3/97 **RIH w/BHA, A/C & 2½" tbg.**
POOH & LD 3.5 tbg. Rig repair. POOH & LD 3½", 2½" P-110 tbg & 5" pkr. CC: \$172,514.

10/4/97 **RIH w/rods.**
RIH w/BHA 7" A/C & 2½" tbg, stopped every 30 stds to flush tbg, tbg was plugged w/wax. Set A/C @ 9844', SN @ 10,680', EOT @ 10,134', ND BOP, NU WH. RIH w/1¼" pump & rods, EOP @ 1800'. CC: \$176,886.

10/5/97 **On production.**
RIH w/rods, seat pump @ 10,068', fill tbg w/5 bbls TPW., test to 800# - ok. RD rig. Slide unit on power to hang rods off. CC: \$184,445.

10/6/97 Pmpd 0 BO, 435 BW, 0 MCF, 4.7 SPM.

10/7/96 Pmpd 2 BO, 518 BW, 0 MCF, 4.7 SPM.

10/8/97 Pmpd 0 BO, 246 BW, 5 MCF, 4.7 SPM.

10/9/97 Pmpd 0 BO, 522 BW, 0 MCF, 4.7 SPM.

10/10/97 Pmpd 0 BO, 572 BW, 0 MCF, 4.7 SPM.

10/11/97 Pmpd 0 BO, 563 BW, 0 MCF, 4.7 SPM.

10/12/97 Pmpd 0 BO, 572 BW, 0 MCF, 4.7 SPM.

10/13/97 SI for evaluation.

10/14/97 **SI - evaluate for P&A.**
Prior production: Pmpd 12 BO, 181 BW, 0 MCF.
Final report.

Page 13

COASTAL OIL & GAS CORPORATION
CHRONOLOGICAL HISTORY

UTE #1-15B6 (PERF & ACIDIZE WASATCH)
ALTAMONT FIELD
DUCHESNE COUNTY, UTAH
WI: 99.72% AFE: 27290
TD: 14,500' PBD: 14,450'
5" @ 14,498'
PERFS: 12,215'-14,424'
CWC(M\$): 163.0

- 9/18/97 **POOH w/tbg to rod part.**
MIRU. Attempt to unseat pump, work rods, pump 350 bbls dn csg, rods parted, POOH w/parted body EL94 @ 6488'.
CC: \$5798.
- 9/19/97 **ND WH, NU BOP. Rel tbg A/C, POOH w/tbg to part rods @ 6500', change over to rod equip. Back off rods, POOH w/rods, change over to tbg equip. POOH w/rod 7300', back off rods. POOH. POOH w/tbg. MIRU, RIH w/3 1/8" GR, tag @ 14,375', PBD @ 14,450', RD WL.**
CC: \$10,887.
- 9/20/97 **Fin PU 3 1/2" tbg.**
MIRU Cutters. Perf from 14,312' to 12,311', 66 zones, 3 SPF, 120° phasing, 3 1/8" guns. FL @ 7650'. SITP 0#. RDMO Cutters. PU 5" ret pkr, RIH w/3718' 2 1/8" P-110 tbg & 1800' 3 1/2" P-110 tbg, EOT @ 5520'.
CC: \$29,699.
- 9/21/97 **Change sand line, prep to swab.**
PU 3 1/2" tbg, RIH, WO tbg. Finish RIH, tag liner top @ 10,179' w/no-go, LD 3 jts 3 1/2" tbg, set 5" HD pkr @ 13,704'.
CC: \$35,635.
- 9/22/97 **Prep to acidize.**
Replace sand line. RU swab equip. Swab 3 hrs, 5 runs, rec 24 BF - 3 BO, 21 BW, IFL @ 8000', FFL @ 9800'.
CC: \$43,055.
- 9/23/97 **Prep to acidize.**
MIRU Dowell to acidize 9/24. WO acid.
CC: \$46,182.
- 9/24/97 **Swab.**
Acidize perfs from 12,717' to 14,424' w/7200 gals 15% HCL + 1 ppg RS + 360 1.3 BS's. Set 5" pkr @ 13,700' on 3 1/2" P-110. MTP 9000#, ATP 8700#, MTR 23 BPM, ATR 17 BPM, load 480 bbls, diversion good. ISIP 2550#, 5 min 2330#, 10 min 1850#, 15 min 137#. Bled off well. Rel pkr, PUH, reset pkr @ 12,180'. Acidize perfs from 12,215' to 13,683' w/13,600 gals 15 % HCL + 1 ppg RS + 680 1.3 BS's. MTP 9000#, ATP 8700#, MTR 27 BPM, ATR 17 BPM, load 686, diversion fair. ISIP 3000#, 5 min 2165#, 10 min 1854#, 15 min 1543#. Bled off well. RU & swab, IFL 300', FFL 6500', rec 222 BW/7 hrs, PH 2. Pump 50 bbls TPW dn tbg.
CC: \$102,346.
- 9/25/97 **Swab.**
Made 35 swab trips. IFL 6100', FFL 7500'. Rec 180 BW, 4 BO/12 hrs, PH 4, last 4 runs 5% oil cut, LLTR 1185 bbls.
CC: \$107,508.
- 9/26/97 **POOH w/P-110 3.5 tbg.**
Swab, IFL 6100', FFL 7700', rec 10 BO, 56 BW, 15% oil cut, EPH 6 BPH, swab 7 hrs, PH 5. Rel pkr, POOH.
CC: \$103,480.
- 9/27/97 **Perf.**
POOH w/3.5 tbg & LD 2 1/8" P-110 tbg. Prep to perf in a.m.
CC: \$106,505.
- 9/28/97 **Fill csg, test pkr.**
MIRU Cutters. PU & RIH w/5" CIBP, set @ 10,757', POOH. PU 3 1/8" perf gun w/3 SPH, 120° phasing, perf from 10,274'-10,717'.
Run #1: 10,717'-10,506', 20 ft, 60 holes, 0 psi, FL 4500'.
Run #2: 10,490'-10,389', 20 ft, 60 holes, 0 psi, FL 4500'.
Run #3: 10,386'-10,272', 16 ft, 48 holes, 0 psi, FL 4400'.
RD Cutters. PU 5" HD pkr on 2 1/8" & 3.5 P-110 tbg. RIH. Set pkr @ 10,218'.
CC: \$122,080.
- 9/28/97 **Acidize.**
300# on tbg, bled off. Set pkr @ 10,200'. Fill csg w/185 bbls, test to 500#, held. RU & swab, IFL 1400', FFL 7800', rec 116 BW, tr oil, PH 6.
CC: \$125,557.

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

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Use "APPLICATION FOR PERMIT - " for such proposals

FORM APPROVED

Budget Bureau No. 1004-0135

Expires: March 31, 1993

5. Lease Designation and Serial No.

14-20-H62-4647

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA, Agreement Designation

N/A

8. Well Name and No.

Ute 1-15B6

9. API Well No.

43-013-31484

10. Field and Pool, or exploratory Area

Altamont

11. County or Parish, State

Duchesne UT

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Coastal Oil & Gas Corporation

3. Address and Telephone No.

P.O. Box 749, Denver, CO 80201-0749

(303) 573-4476

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1401' FSL & 1295' FWL

Section 15-T2S-R6W

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☒ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☐ Other _____
- ☐ Change of Plans
☐ New Construction
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☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

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Please see attached procedure for work to be performed on the subject well.

14. I hereby certify that the foregoing is true and correct

Signed

Bonnie Carson

Title

Senior Environmental Analyst

Date

4/28/98

(This space for Federal or State office use)

Approved by

by the State
of Utah Division of
Oil, Gas and Mining

Title

Date

Date: 5-7-98

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations or to any matter within its jurisdiction.

By: [Signature]

* See Instruction on Reverse Side

UTE 1-15B6

Procedure

1. MIRU PU. POOH and lay dwn rods & pmp. NDWH. Rlse TAC @ 9811'. NUBOP. POOH w/ tbg.
2. RIH w/ cmt rtnr on 2-7/8" tbg. Set rtnr @ 10,100'. PT to 500psi. Est. Rate thru rtnr. Sqz perms from 10,274' - 14,424' w/ 200 sx cmt. PU out of rtnr and cap w/ 100' cmt.
3. PUH and circ csg w/ 9 ppg mud.
4. PUH and spot cmt plug from 6800' - 7400' (approx. 130sx). PUH and spot 200' surf plug (approx 86sx). Cut off csg 3' below GL. Weld on cap. Install DHM.
5. P & A well.

Ute 1-15B6

Sec. 15 2S-6W
1401' FSL 1295' FWL
Altamont / Bluebell Field
Duchesne County, Utah

Elev. GL @ 6449'

Elev. KB @ 6471'

Casing

13-3/8", 54.5# J-55 ST&C, Set @ 1135'
Cmt'd w/ 1220 SX,
Return 150 BBLs cmt to surface

9 5/8", 40#, CF-95, set @ 7,200'
Cmt w/ 1320 sx
No returns

Liner

5", 18#, CF-95, Set @ 14,498'
Liner hanger landed @ 10,179'
Cmt w/ 390 sx

7", 26# CF-95, Set @ 10,565', TOL @ 6,922'
Cmt w/ 400 sx lead & 230 sx tail

Tubing

2-7/8", 6.5#, N-80, 8rd @ 10,113'.
TAC @ 10,113'. SN @ 10,001'

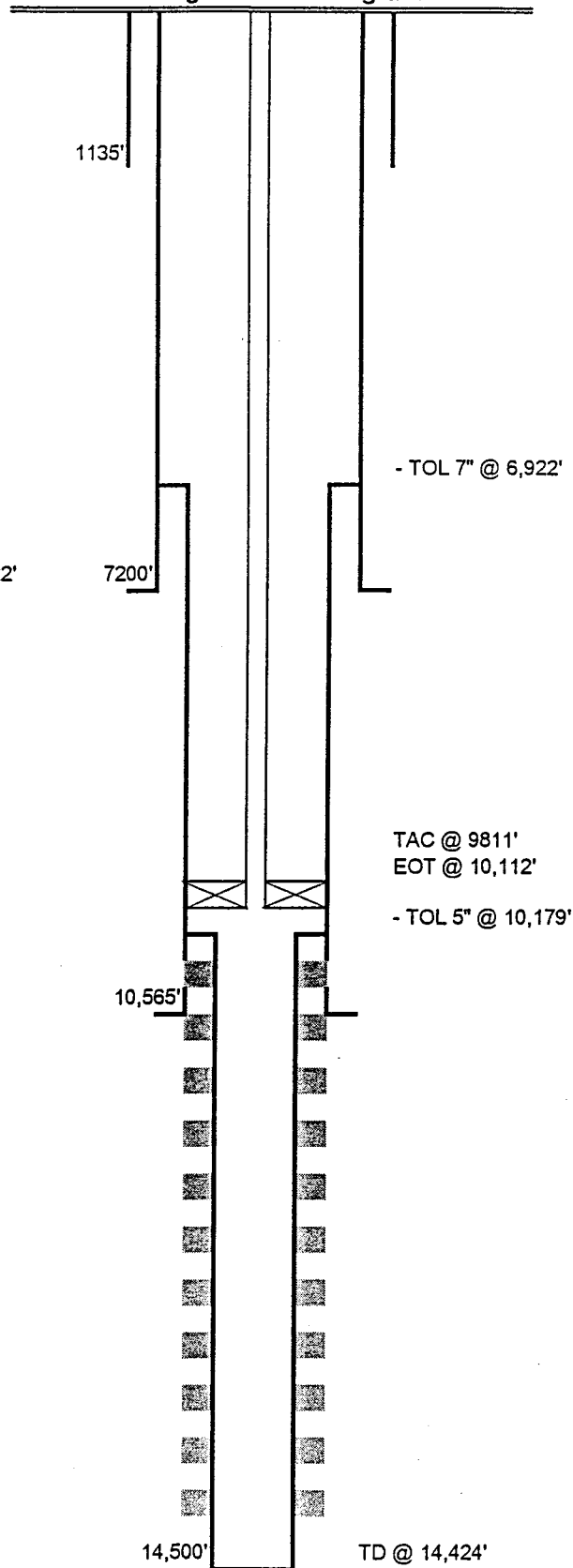
Perforations

Gross 10,274' - 14,424'

- Perfs 13,717' - 14,424', July '95
- Perfs. 12,907' - 13,683', Aug '95
- Perfs 12,215' - 12,849', Aug '95
- Perfs 14,312' - 12,311', Sept. '97
- Perfs 10,274' - 10,717', 'Sept. '97

Coastal Oil & Gas Corporation**Existing Wellbore Diagram**

2/2/98
CS



Ute 1-15B6

Sec. 15 2S-6W
 1401' FSL 1295' FWL
 Altamont / Bluebell Field
 Duchesne County, Utah

Elev. GL @ 6449'
 Elev. KB @ 6471'

Casing

13-3/8", 54.5# J-55 ST&C, Set @ 1135'
 Cmt'd w/ 1220 SX,
 Return 150 BBLs cmt to surface

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 No returns

Liner

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 Liner hanger landed @ 10,179'
 Cmt w/ 390 sx

7", 26# CF-95, Set @ 10,565', TOL @ 6,922'
 Cmt w/ 400 sx lead & 230 sx tail

Tubing

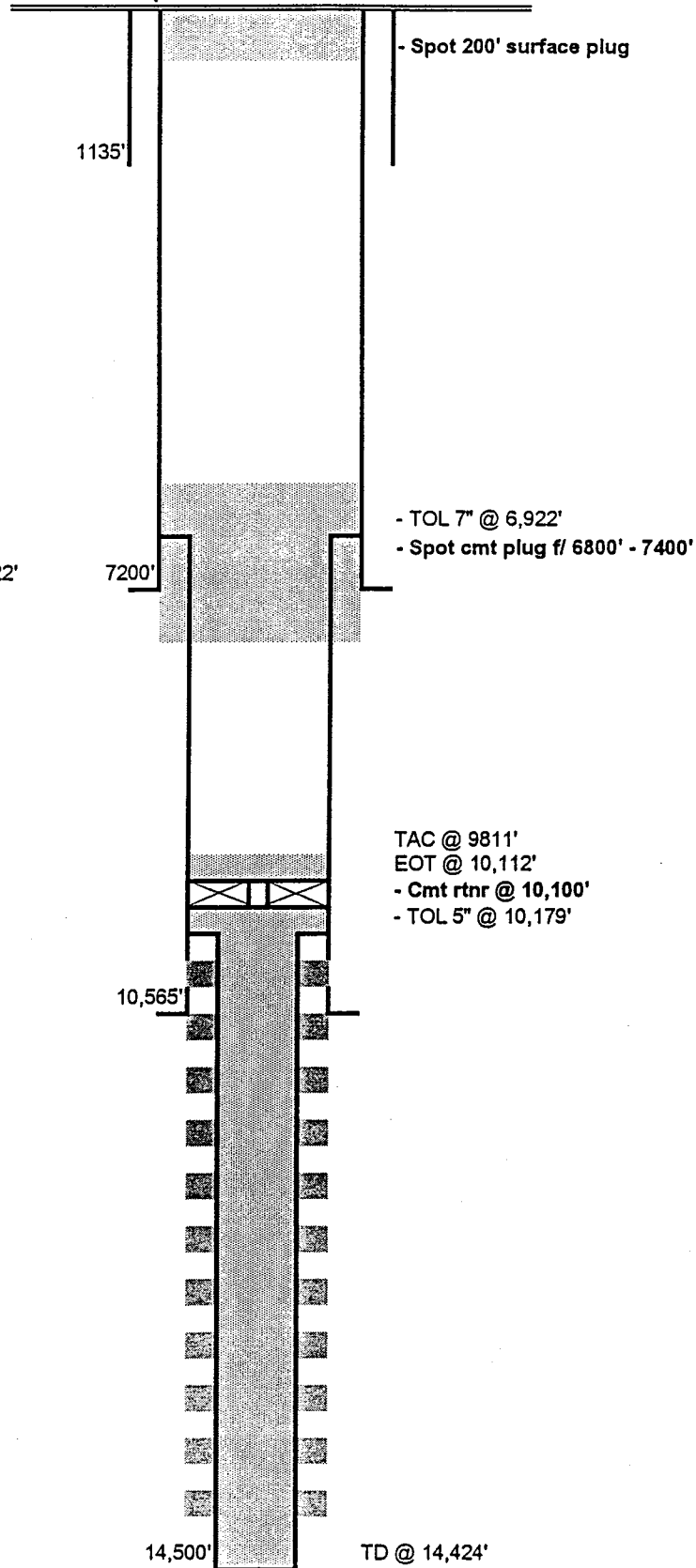
2-7/8", 6.5#, N-80, 8rd @ 10,113'.
 TAC @ 10,113'. SN @ 10,001'

Perforations

Gross 10,274' - 14,424'
 - Perfs 13,717' - 14,424', July '95
 - Perfs. 12,907' - 13,683', Aug '95
 - Perfs 12,215' - 12,849', Aug '95
 - Perfs 14,312' - 12,311', Sept. '97
 - Perfs 10,274' - 10,717', 'Sept. '97

Coastal Oil & Gas Corporation

2/2/98
 CS

Proposed P & A Wellbore

INSPECTION FORM 1 STATE OF UTAH
DIVISION OF OIL GAS AND MINING

DRILLING OPERATIONS

Well Name: <u>Ute #1-15b6</u>	API Number: <u>43-013-31484</u>
Qtr/Qtr: _____	Section: <u>15</u> Township: <u>2S</u> Range: <u>6W</u>
Company Name: <u>COASTAL OIL & GAS CORP.</u>	
Lease: State _____	Fee surface _____ Federal _____ Indian mineral _____
Inspector: <u>DENNIS L. INGRAM</u>	Date: <u>3/04/99</u>

Inspection made in accordance with Division Inspection Standards and Procedures for drilling operations, any exceptions noted in comments.

Depth at time of visit: _____ Last BOPE test recorded: _____
Drilling Contractor: GENERAL WELL SERVICE Rig No. #1

COMMENTS: OPERATOR IS PLUGGING WELL (BLM INSPECTOR ON
LOCATION).

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires July 31, 1996

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
Coastal Oil & Gas Corporation

3a. Address
P.O. Box 1148, Vernal UT 84078

3b. Phone No. (include area code)
(435) 781-7023

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
NW/SW Sec.15, T2S, R6W
1401' FSL 7 1295' FWL

5. Lease Serial No.

14-20-H62-4647

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA/Agreement, Name and/or No.
N/A

8. Well Name and No.

Ute #1-15B6

9. API Well No.

43-013-31484

10. Field and Pool, or Exploratory Area
Altamont

11. County or Parish, State

Duchesne UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- | | | | |
|---|---|--|--|
| <input type="checkbox"/> Acidize | <input type="checkbox"/> Deepen | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Alter Casing | <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Reclamation | <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete | <input checked="" type="checkbox"/> Other <u>P&A</u> |
| <input type="checkbox"/> Change Plans | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon | |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back | <input type="checkbox"/> Water Disposal | |

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompletable horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletable in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

Coastal Oil & Gas Corporation requests authorization to P&A the subject well. It is recommended that the well be plugged and abandoned.

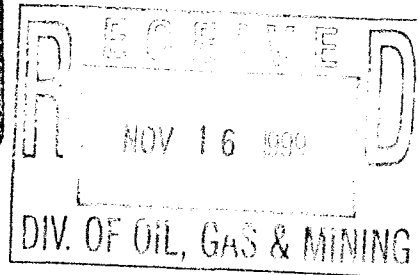
Please refer to attached Chronological history.

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY**

COPY SENT TO OPERATOR

Date: 11-17-99
Initials: CHD

*Federal Approval of this
Action is Necessary*



14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

Katy Dow

Title

Environmental Secretary

Date

10/21/97

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

THE COASTAL CORPORATION
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

UTE #1-15B6
ALTAMONT FIELD
DUCHESNE COUNTY, UT
WI:99.723362%
ATD:15,110'

Page 1

3/30/95

Set & cmt 20" conductor csg.
RU Atlas & ran DLL & GR 2nd run Digital Scismic & Cal, stopped @ 12,540'. Logged 7" csg. F/10,565 - T/6922. RU Atlas & ran CBIL. Ran 100 jts 5" 18# CF-95 w/hyd 521 Th with Baker Float equip. Cmt w/DS. Pumped 10 bbls Mud Flush ahead of 390 sk G w/35% D66, .075% D13 .7 gal/SK D 604 AM, .05 gal/SK M 45 & 18% D44 wt 15.9 Y 1.62. Disp w/85 water & 56 Mud Plug. Press test liner T/1000 psi for 15 min. OK. Rig released @ 12:00 midnight, 7/11/95. POH w/tbg & pkr. TIH w/6-1/8" bit & tag TOC @ 10027'. Drill cmt to 5" liner top @ 10179'. PT 7" csg to 2000 psi/OK. TOH w/BHA. TIH w/4-1/8" bit to 1597'. Tag cmt w/bit @10179'. Drill out cmt in 7" from 10179' to 10243'. CO 5" liner to 14166' & PT liner to 2000 psi/OK. Drill cmt w/4-1/8" mill from 14406' to 14415'. POOH w/4-1/8 mill tooth bit. Drill from 14415' to 1445' circ hole clean. Press test to 2000 psi. Displaced hole w/700 bbls clean treated wtr. POOH w/tbg. Run GR/CBL/CET logs from 14450' to 10179' w/2000 psi. Logged 7" w/CBL from 10179' to 6922' under 2000 psi. RIH w/3-1/8 csg gun w/4 SPF 120p phasing. Shot 4 holes @ 13795'. Fill csg injecting @ 1 bbl. RIH at 2000 psi. RIH w/pkr. Set pkr @ 13521'. RU Halliburton. Pump 50 sxs. 15.9# cmt. Squeezed to 3500 psi. Released pkr. Reversed out w/110 bbls. Reset. Left 2200 psi on tbg & 2000 psi on csg. Released pkr @ 13521'. POOH w/tbg. RIH w/4-1/8" rock bit. Tagged cmt @ 13703'. RU Dowell & Pickle tbg w/1154 gals 20% HCL w/additives. Drilled out cmt to 13795' & fell free. Press test to 2000 psi, held. POOH W4-1/8" bit. Rig up Schlumberger. Run cement analysis log form 14100' to 13500'. RIH w/2-7/8" tubing. EOT @ 10000'. RU to swab. Made 43 runs, recovered 376 bbls. FL last run @ 4900'. Swabbing. Tag FL @ 7900'. POOH w/2-7/8" tubing. Pump 50 bbls diesel down well. Rig up DWP. Perforate interval 14424' & 13717' w/147 holes. RIH w/tbg. Testing tbg to 8500 psi. Blew tbg apart on 397th jt 12751.36' of tbg in hole. RD hydrotest equip. Order out fishing tool. RIH w/5-3/4" overshot. Latch onto fish top @ 1740'. POOH. 2-7/8 tbg (tbg looks good) LD pkr, rubber gave. RIH w/pkr, 427 jts 2-3/8 hydrotesting to 8500 psi above slips. Set pkr @ 13705'. Swabbing. Recovered 240 bbls fluid, 140 bbls oil & 100 bbls Wtr. FL 1st run 3800', last run 9700'. Swabbing. Recovered 35 bbl oil, 7 bbls Wtr. Last run FL 9400'. Grand total swabbed 282 bbls, 175 bbls oil, 107 bbls Wtr. RU Dowell, acidize perfs 13,717-14,424' w/4500 gal 15% HCL, 225 Wgron ball sealer. Avg pres 8600, max press 9000. Avg rate 15-1/2, max rate 19. Drivers good - balled out. ISIP 3000, 15 min 1140. Swab. Recovered 192 bbls fluid, 35 bbls oil & 156 bbls Wtr. FL last run 5300'. Swabbing. Recovered 303 bbls fluid, 262 bbls oil & 41 bbls Wtr. FL last run @ 6500'. Swabbing. Recorded 49 bbls oil, 23 bbls wtr. FL @ 6500'. Total fluid swabbed 556 bbls, 347 oil, 209 water. Release pkr. POOH w/2-7/8 LD 5" pkr. RIH w/2-7/8 plug, 6'2-7/8 N-80 prf sub, 7" UNI VI pkr. Gas anchor w/63 1" line pipe strapped to 2 jts, 2-7/8" tbg, seat nipple & 310 jts 2-7/8" tbg. Set pkr @ 10083'. ND BOP. Landed tbg on hanger w/15000# tension. PU Highland 1-3/4 pump, 8-1 W/G 140-3/4 (6-W/G 128 slick, 6-W/G), 126-7/8, 122-1'. PU 1-8, 6', 4'x1" subs. PU polish rod. Seat pump. Stroke w/rig, strokes good. RU. Unseat pump. POOH w/rods & pump. NU BOP. PU on tbg & Guiberson pkr wasn't set. POOH w/tbg & BHA (had 70 tbg collars worn out from tbg moving). RU OWP. RIH w/5" wireline set RBP & set @ 13710'. Dumped 23Ks sand on RBP. Perfed Wasatch 12,907'-13,683' w/3-1/8" csg gun.

RUN	DEPTH	FT.	HOLES	PSI
1	13,623-13,409'	23'	69	0
2	13,402-12,159'	23'	69	0
3	13,147-12,907'	21'	63	0
TOTAL		67'	201	

RIH w/229 jts 2-7/8". Changed out 28 worn couplings. PU 91 jts 2-7/8 yellow banded tbg. Set pkr @ 12874'. Filled csg w/560 bbls wtr. BO prams leaked. Installed new rams in BOP. Press test csg to 2000 psi, lost 1000 psi in 5 mins. Got injection rate 1 BPM @ 1900

psi. Released pkr. POOH 2/400 jts 2-7/8" 8 LD pkr. RIH w/304 jts 2-7/8". RIH w/21 jts 2-7/8", 325 total. Set RBP @ 10,118', pkr @ 10443'. Filled tbg w/30 BW. Press tested tools 2000#. POOH w/tbg. LO pkr. RU, OWP, RIH & dump 1 sx sand on RBP @ 10481'. POOH & RD DWP. RIH w/MSOT 7" HD pkr & 216 jts 2-7/8" tbg. Set pkr @ 6977'. Got injection rate down tbg. 1 BPM @ 1900 psi. Filled csg w/321 bbls wtr. Press test csg to 2000 psi, held. Released pkr. RIH w/93 jts 2-7/8" tbg. Set pkr @ 9956'. Press test csg to 2000 psi, held. RU Halliburton. Press tbg, 2500# held. Pulled out & found leak @ 6987'. Set pkr @ 6962', csg set @ 6976', held. RU & swabbed FL down to SN @ 6970'. No fluid on last run of 8. Rec 39 BW. Waited 1 hr, made 2 dry runs. Made 3 swab runs, no fluid entry. Released pkr @ 6976'. POOH. LD 7" pkr. MU ret head. RIH w/325 jts 2-7/8" tbg to sand on RBR. Circ sand off RBP @ 10481'. Latch onto & released RBP. POOH w/tbg & RBP. RIH w/MDOI 5" HD pkr. Set pkr @ 12874'. RU Dowell & acidized Wasatch perms 12907'-13683' w/6000 gals 15% HCL & additives + 300 balls wax. Psi 8700#, avg psi 8400# min rate 105 BPM max rate 15 BPM avg 12 BPM. ISIA 3850# 5-3170#, 10-2260#, 15-1180, 315 bbls load to rec. Pair diversion. RU swab equip. 53 runs & rec'd 219.70 bbls oil, 177.3 bbls wtr. PH 6. Starting FL 3000', ending FL 7300'. Continue swabbing Wasatch perms 12907'-13683' - swabbed. Rec'd 285 bbls total, 175 oil, 110 bbls wtr. Heated & trans 331 bbls oil to production tank #1. Continue to clean out to RBP set @ 13710'. Tag fill @ 13690'. Cleaned out to 13693.50'. POOH w/381 jts 2-7/8" tbg, 44jts 2-3/8" tbg, clean out tool & mill. RIH w/4-1/8"x3" mill tooth shoe, CDT, 44jts 2-3/8" tbg & 381 jts 2-7/8" tbg. Clean out from 13693.50' to 13704' tbg. MLS made @ 10.50' of hole. Tools not working, possibly plugged. Perf Wasatch 12214'-12849' w/3-1/8 csg guns 3 SPF 120p phasing. Run perms ft holes FL. psi #1 - 12849-12506'-12'-69-2300-0. #1 - 12580'-12215'-12-69-2280'-0. Total 46--138. PU 5" HD pkr. RIH w/379 jts 2-7/8 tbg. Set pkr @ 12198'. Made 32 runs & rec'd 279 bbls fluid, 129.2 bbls oil, 149.8 bbls wtr in 16 hrs. Swabbing avg 17.43 bbls per hr. Starting FL 2000', ending FL 6200'. Cont swabbing. Rec'd 90 bbls fluid, 45 bbls oil & 45 bbls wtr. FL @ 6200' RU Dowell & acidize Wasatch perms 12215-12849' w/4500 gals 15% HCL w/additives & 225 WBS. Max P 8700 psi, avg P 8500 psi. Max R 22 BPM, min R 0 BPM, avg R 16 BPM. ISIP 3270 psi. 15 min 943 psi. Tatal load 242 bbls. Diversion exc. Start swabbing. Made 52 total runs, rec'd 283.2 bbls oil, 119.8 bbls wtr in 21 hrs of swabbing. Continue swabbing perms 12215'-12849'. Made 3 runs & rec'd 25 bbls fluid. Unset pkr @ 12198'. Well flowed @ 12 bbls. Total 37 bbls oil, 0 wtr. Released pkr @ 12198'. POOH w/tbg & pkr. RIH w/5" retrihead. Tagged fill @ 12880'. Circ off balls & sand to RBP @ 12890'. Circ hole clean. Latch onto RBP & open bypass & let fluid equalize. Release RBP. Laid down 92 jts 2-7/8 work string on rack. POOH w/234 jts 2-7/8 production string. Continue POOH w/75 jts 2-7/8 tbg & 5" RBP. PU BHa as follows & RIH 7" tac 4' 2-7/8 tbg sub, 1 perf jt solid plug-1 2-7/8 jt 4-1/2 PBGA (new style) 6'2-7/8 tbg sub + 45 PSN w/310 jts 2-7/8 tbg. Set TAC @ 10113'. RIH w/1-3/4" pump & rods. Space out & seat pump. Filled tbg w/6 bbls wtr. Stroke pump w/rig & press test tbg to 700 psi, good pump action. Clamp off rods. Slide unit ahead & hang off rods. Well pumping. POOH w/2-7/8 & 2-3/8 tbg, bailer, mill shoe, 1 jt full of frac balls & sand. Laid down clean out tools. RIH w/44 jts 2-3/8 tbg, 381 jts 2-7/8 tbg. Tagged fill @ 12700'. Circ balls & sand off RBP @ 12710'. Latch onto RBP & open. POOH w/381 jts 2-7/8. Laid down 44 jts 2-3/8 w/5" RBP. RBP @ 12890 w/1 sx sand above. RU 3-1/8 csg gun w/3 SPF 120p phasing.

12/25-
27/95

MIRU, Unseat pump. POOH w/rods to 3/4" Taper. POOH w/rods & pump & prime Highland 1-3/4" pump & RIH w/rods. Put well on prod. TC: \$11,485

03/09-13/96

MIRU-unseat pump. Attempt to flush tbg clear - 2000 psi on tbg, 0 psi on csg. Working rods w/pressure & w/o press. TOH w/rods & pump - Hot flush tbg w/30 BW @ 230p. Mix 30 BW w/55 gal. TD 102 & pump away - Wait 1 1/2 hr - hot flush tbg w/70 bbls @ 260p. TIH w/pump & rods - seat & space pump. Hot pmpg csg. Work rods & attempt to hot flush tbg. POOH w/20 - 1" rods. Attempt to flush tbg, would not flush. POOH w/rods - swabbing fluid first 62 - p rods. RU Delsco to cut wax. RU hot @ TP to 3300 psi. Wax plug broke loose. Flush tbg w/30 bbls Diesel, 20 BW. RU Delsco & cut wax to 8000'. Flush clear. TIH w/rods - seat & space pump. Hang well on - put well on prod. TC: \$11,485

05/17-22/96

POOH w/rods & pmp. LD 122 - 1" & 126 - p" rods. PU & Tst 1 1/4 pmp. PU & RIH w/126 guided p" + 122 guided 1" EL rods. Seat pmp. Pmp waxed off. POOH w/rods & pmp. Pmp 130 BC & 80 BW @ 230p dwn tbg. RIH w/rods & pmp. Rtn to prod.

CC: \$51,840

- 9/18-10/5/97 MIRU. POOH w/ parted rods to 5600'. ND WH, NU BOP. Rls TAC. POOH w/ tbg to prt rods. Back off rods. POOH w/ rods. POOH w/ tbg. RU wireline. RIH w/ 3-7/8" GR. Tag @ 14,375. PBTD @ 14,450. RU Cutters. Pefr from 14,312' - 12,311', 66 zones, 3 SPF, 120 degrees phasing, 3-1/2" gun. FL @ 7650'. SITP: 0. RIH w/ 5" pkr on 2-7/8" & 3-1/2" tbg. Set pkr @ 13,704'. RU swab equip. Swab 3 hrs. Rec 3 BO & 21 BW. IFL @ 8000', FFL @ 9800'. RU Dowell. Acidize perfs 13,717' - 14,424' w/ 7200 gal 15% HCL & 1 ppg RS & 360 balls. Max P. 9000 psi, Avg P. 8700 psi, M. Rate: 23 BPM, Avg Rate 17 BPM, good div. ISIP: 2550 psi, 5 min SIP: 2330 psi, 10 min SIP: 1850 psi, 15 min SIP: 137 psi. Bleed off well. Rls pkr. PUH. Set pkr @ 12,180'. Acidize perfs 12,215' - 13,683' w/ 13,600 gals 15% HCL, 1ppg RS, 680 balls. Max P. 9000 psi, Avg P. 8700 psi, Max Rate 27 BPM, Avg Rate 17 BPM, Div fair. ISIP: 3000 psi, 5 min SIP: 2165 psi, 10 min SIP: 1854 psi, 15 min SIP: 1543 psi. RU swab. IFL @ 300', FFL @ 6500 psi. Rec 222 BW in 7 hr. PH 2. Swab. IFL @ 7500', FFL @ 7500'. Rec 180 BW & 4 BO in 12 hrs. PH 4. Last 4 runs 5% oil cut. Swab. IFL @ 6100', FFL @ 7700'. Rec 10 BO & 56 BW, 15% Oil cut, entry 6 BPH, PH 5. Rlse Pkr. POOH. RU wireline. Set CIBP @ 10,757'. Perf from 10,274' - 10,717' (56', 168 holes) w/ 3-1/8" csg gun, 120 degree phasing, RIH w/ 5" HD pkr on 2-7/8" & 3-1/2" tbg. Set pkr @ 10,218'. SITP 300 psi. IFL @ 1400', FFL @ 7800'. Rec 116 BW, trac oil, PH 6. MIRU Dowell. Acidize perfs 10,274'-10,717' w/ 5100 gals 15% HCL + 1 ppg rock salt + 255 balls. Max Rate 35 BPM, Avg Rate 28 BPM. Max P 9050 psi, Avg P 8500 psi. Total load 400 bbls, Diversion Fair. ISIP: 1480 psi. 5 min SIP: 943 psi, 10 min SIP: 764 psi, 15 min SIP: 636 psi, Flow back 45 bbls, RU swab. Swab for 2-1/2 hrs. Swab back 61 bbls. Well began to flow. Well flow 135 bbls in 4 hrs w/ trace oil. Rec 241 bbls. Let flow overnight. Died at 4 am. Rec 10 BO, 202 BW, 24 MCF in 15 hrs. RU swab. IFL @ 800', FFL @ 900', Rec 407 bbl w/ trace of oil. 500 SITP. IFL @ 400', FFL @ 1000', Rec 283 BW, trace oil in 6 hrs. Rlse Pkr. POOH. RIH w/ BHA. Set 7" A/C @ 9844', SN @ 10,068, EOT @ 10,134'. ND BOP, NU WH. RIH w/ 1-3/4" pump. Seat pump @ 10,068'
TC: \$184,445
- 12/21/97 Drill Out CIBP.
through MIRU, unseat pump, flush rods & tbg, reseat pump & test to 1,000 psig, unseat pump, circ
12/29/97 oil off csg (193 BO), TOO H w/ rods & pump, SDFN. Cont TOO H w/ rods & 1 3/4" pump, TOO H w/ 2 7/8" tbg & BHA, pull wet string, SDFN. RIH w/ 4 1/8" bit, 2 3/8" & 2 7/8" tbg, SDFN. Tag CIBP @ 10,755', mill out CIBP & push dn hole to 14,424', TOO H w/ tbg & tools, RIH w/ BHA & prod tbg, SDFN. Set TAC @ 9,811', RIH w/ 1 3/4" pump & rods, seat pump @ 10,038, test tbg to 1,000 psig, RDMO.
CC: \$31,488
- 3/2/99 AFE to be P & A. Wait on construction crew to remove the rototflex equipment. Spot
equipment. DC: \$2,463
- 3/3/99 AFE to be P & A. RU unseat pmp. Flush rods w/ 50 BBLS PW. POOH & LD rods. Well started flowing up CSG & TBG. Flow well to frac tank. Rec 110 BBLS.
DC: \$4,639
- 3/4/99 AFE to be P & A. Flow well. Rec 425 BBLS of oil. Circ well w/ 325 BBLS PW. ND WH. Rels 7" TAC @ 9811'. NU BOP. POOH w/ 2 7/8" . LD BHA. PU 7" cement retainer on 2 7/8" TBG & RIH. EOT 2000'.
DC: \$8,438
- 3/5/99 AFE to be P & A. RIH w/ 7" cmt ret. Set ret @ 10,100'. Inj rate @ 3 BPM @ 440 PSI. Mix & pmp 460 sxs thru ret. Sting out. Dumping 20 sxs on top of ret. Pull up rev out & disp w/ 9# brine water. LD 2 7/8" tbg up to 7400'. POOH w/ tbg EOT @ 4000'.
DC: \$6,323
- 3/6/99 AFE to be P & A. POOH w/ 2 7/8" tbg. LD stinger. RIH open ended to 7400'. Mix and pmp 136 sxs 15.5 class "G" cmt. Top of cmt @ 6800'. LD 137 jts. POOH. MIRU Cutters, perf @ 3100'. RD Cutters. ND WH. Strip 9 5/8" cmt ret. RIH w/ cmt ret. EOT 1400'.

DC: \$8,538

3/7/99

AFE to be P & A. RIH set cmt ret @3080'. RU Dowell mix & pmp 65 sxs thru cmt ret. Sting out dump 75 sxs on top of cmt ret. Cmt top @ 2860'. LD 59 jts 2 7/8" tbg. POOH w/ 34 jts. ND WH & BOP. RU Cutters, shot 4 holes @ 1200'. RIH w/ 9 5/8" cmt ret. Set @ 1180'. RD Cutters, NU WH & BOP, RIH w/ stinger & tbg. RU Dowell mix & pmp 65 sxs of cmt thru cmt ret. Dumped 75 sxs cmt onto top of cmt ret. Cmt top 980'. LD rest of tbg, RU Cutters, perf @ 200'. RD Cutter. RU Dowell mix & pmp 235 sxs cmt wouldn't come to surface. ND BOP & WH. RD GWS Rig 102. Move out of the way to dig out cellar cut off WH. RU Dowell & 80' of 1" tbg mix & pmp 90 sxs of cmt. No cmt to surface. All cement is class "G" 15.8#.

DC: \$11,729

3/8/99

AFE to be P & A. RD Dowell max & pmp 170 sxs 15.8 class "G" cmt thru 80' of tbg. Cement to surface & weld on cap & DHM.

DC: \$26,081

TC: \$68,211

UNITED STATES GOVERNMENT
memorandum

DATE:
REPLY TO
ATTN OF:

April 7, 1999

SUBJECT:

Superintendent, Uintah & Ouray Agency, Ft. Duchesne, UT

Approved Release of Oil & Gas Lease, and Expiration of Communitization Agreement

TO:

Bureau of Land Management, Vernal District Office
Bureau of Land Management, Utah State Office
Minerals Management Service, Denver, CO
Division of Oil, Gas, & Minerals, State of Utah

Enclosed are approved "Release of Oil and Gas Leases approved on March 18, 1999, for the following lease:

Lease No.	Location	CA No.	Well No.
14-20-H62-4686	Sec. 15-T2S-R6W	UTU73694	Ute 1-15B6

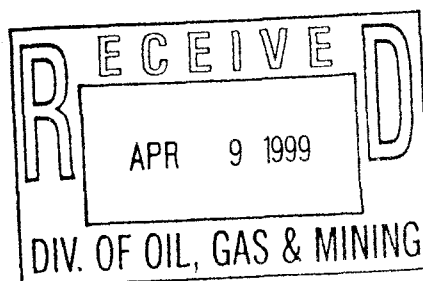
43-013-31484

Rentals will no longer be due for the lease year beginning July, 1999. The MMS have provided their clearance, and no outstanding debits are showing, however, they may audit this lease in the future, and an audit may show additional amounts to be due and owing.

We were notified by the BLM, and they approved a proposed plugging and abandonment procedure for Well No. 1-15B6.

The Communitization Agreement listed above is now expired due to non-production of the well in the communitized area. The expiration of the CA is effective on the date of this letter.

If you have any questions regarding the above, please do not hesitate to contact this office.



RELEASE OF OIL AND GAS EXPLORATION AND DEVELOPMENT LEASE
TRIBAL INDIAN LANDS

STATE OF UTAH §
§ KNOW ALL MEN BY THESE PRESENTS:
COUNTY OF DUCHESNE §

THAT, the undersigned, does hereby release, relinquish and surrender all its right, title and interest in and to that certain Oil and Gas Exploration and Development Lease covering lands situated in the County of Duchesne, State of Utah, as hereinafter described:

LEASE NO: 73076-001
LEASE DATE: Approved June 02, 1994 effective July 06, 1995
LESSOR: BIA 14-20-H62-4686
LESSEE: ANR Production Company
DESCRIPTION: T 2 S - R 6 W
Sec 15: N/2S/2, SW/4SW/4, cont 200 acs m/l, ltd to base of Wasatch Formation, or if Wasatch Formation is not present to base of Tertiary System.

EXECUTED this 24th day of August, 1998.

Coastal Oil & Gas USA, L.P.
by Coastal Oil & Gas Corporation, its
General Partner.

By Gregory W. Hutson
Gregory W. Hutson, Vice President

STATE OF TEXAS §
§
COUNTY OF HARRIS §

This instrument was acknowledged before me on the 24th day of August, 1998, by Gregory W. Hutson, Vice President, of Coastal Oil & Gas Corporation, a Delaware Corporation, in its capacity as General Partner of Coastal Oil & Gas USA, L.P., a Delaware limited partnership, on behalf of said corporation acting as general partner of said partnership, and on behalf of said partnership.



Tracey F. Harlan
Notary Public, State of Texas

E 329146 B M0286 P 237
DATE 8-SEP-1998 9:57AM FEE 11.00
CARDLYNE B. MADSEN, RECORDER
FILED BY CBM
FOR COASTAL OIL & GAS
DUCHESNE COUNTY CORPORATION

RETURN TO:

This Instrument Prepared By:
Barbara Paul
Coastal Oil & Gas Corporation
Nine Greenway Plaza
Houston TX 77046

DEPARTMENT OF THE INTERIOR
BUREAU OF INDIAN AFFAIRS
UINTAH & OURAY AGENCY
FORT DUCHESNE, UTAH

MAR 18 1999

DATE APPROVED: 3/18/99

[Signature]
SUPERINTENDENT

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
Expires: November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No.

14-20-H62-4647

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA/Agreement, Name and/or

N/A

8. Well Name and No.

Ute

#1-15B6

9. API Well No.

43-013-31484

10. Field and Pool, or Exploratory Area

Altamont

11. County or Parish, State

Duchesne

UT

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☒ Oil Well ☐ Gas Well ☒ Other

REVISED P&A

2. Name of Operator

Coastal Oil & Gas Corporation

3a. Address

P.O. Box 1148, Vernal UT 84078

3b. Phone No. (include area code)

(435) 781-7023

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

NW/SW Sec.15, T2S, R6W
1401' FSL 7 1295' FWL

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent

☒ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐ Acidize

☐ Alter Casing

☐ Casing Repair

☐ Change Plans

☐ Convert to Injection

☐ Deepen

☐ Fracture Treat

☐ New Construction

☐ Plug and Abandon

☐ Plug Back

☐ Production (Start/Resume)

☐ Reclamation

☐ Recomplete

☐ Temporarily Abandon

☐ Water Disposal

☐ Water Shut-Off

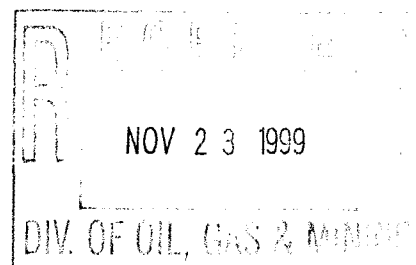
☐ Well Integrity

☒ Other Revised

P&A

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zone. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 day following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

Please refer to the attachment for the P&A Procedure



14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

Katy Dow

Title

Environmental Jr. Analyst

Date

11/19/99

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

THE COASTAL CORPORATION PRODUCTION REPORT

CHRONOLOGICAL HISTORY

UTE #1-15B6
ALTAMONT FIELD
DUCHESNE COUNTY, UT
WI:99.723362%
ATD:15,110'

Page 1

3/30/95

Set & cmt 20" conductor csg.

RU Atlas & ran DLL & GR 2nd run Digital Scismic & Cal, stopped @ 12,540'. Logged 7" csg. F/10,565 - T/6922. RU Atlas & ran CBIL. Ran 100 jts 5" 18# CF-95 w/hyd 521 Th with Baker Float equip. Cmt w/DS. Pumped 10 bbls Mud Flush ahead of 390 sk G w/35% D66, .075% D13 .7 gal/SK D 604 AM, .05 gal/SK M 45 & 18% D44 wt 15.9 Y 1.62. Disp w/85 water & 56 Mud Plug. Press test liner T/1000 psi for 15 min. OK. Rig released @ 12:00 midnight, 7/11/95. POH w/tbg & pkr. TIH w/6-1/8" bit & tag TOC @ 10027'. Drill cmt to 5" liner top @ 10179'. PT 7" csg to 2000 psi/OK. TOH w/BHA. TIH w/4-1/8" bit to 1597'. Tag cmt w/bit @10179'. Drill out cmt in 7" from 10179' to 10243'. CO 5" liner to 14166' & PT liner to 2000 psi/OK. Drill cmt w/4-1/8" mill from 14406' to 14415'. POOH w/4-1/8" mill tooth bit. Drill from 14415' to 1445' circ hole clean. Press test to 2000 psi. Displaced hole w/700 bbls clean treated wtr. POOH w/tbg. Run GR/CBL/CET logs from 14450' to 10179' w/2000 psi. Logged 7" w/CBL from 10179' to 6922' under 2000 psi. RIH w/3-1/8" csg gun w/4 SPF 120p phasing. Shot 4 holes @ 13795'. Fill csg injecting @ 1 bbl. RIH at 2000 psi. RIH w/pkr. Set pkr @ 13521'. RU Halliburton. Pump 50 sxs. 15.9# cmt. Squeezed to 3500 psi. Released pkr. Reversed out w/110 bbls. Reset. Left 2200 psi on tbg & 2000 psi on csg. Released pkr @ 13521'. POOH w/tbg. RIH w/4-1/8" rock bit. Tagged cmt @ 13703'. RU Dowell & Pickle tbg w/1154 gals 20% HCL w/additives. Drilled out cmt to 13795' & fell free. Press test to 2000 psi, held. POOH W4-1/8" bit. Rig up Schlumberger. Run cement analysis log form 14100' to 13500'. RIH w/2-7/8" tubing. EOT @ 10000'. RU to swab. Made 43 runs, recovered 376 bbls. FL last run @ 4900'. Swabbing. Tag FL @ 7900'. POOH w/2-7/8" tubing. Pump 50 bbls diesel down well. Rig up DWP. Perforate interval 14424' & 13717' w/147 holes. RIH w/tbg. Testing tbg to 8500 psi. Blew tbg apart on 397th jt 12751.36' of tbg in hole. RD hydrotest equip. Order out fishing tool. RIH w/5-3/4" overshot. Latch onto fish top @ 1740'. POOH. 2-7/8" tbg (tbg looks good) LD pkr, rubber gave. RIH w/pkr, 427 jts 2-3/8" hydrotesting to 8500 psi above slips. Set pkr @ 13705'. Swabbing. Recovered 240 bbls fluid, 140 bbls oil & 100 bbls Wtr. FL 1st run 3800', last run 9700'. Swabbing. Recovered 35 bbl oil, 7 bbls Wtr. Last run FL 9400'. Grand total swabbed 282 bbls, 175 bbls oil, 107 bbls Wtr. RU Dowell, acidize perfs 13,717-14,424' w/4500 gal 15% HCL, 225 Wgron ball sealer. Avg pres 8600, max press 9000. Avg rate 15-1/2, max rate 19. Drivers good - balled out. ISIP 3000, 15 min 1140. Swab. Recovered 192 bbls fluid, 35 bbls oil & 156 bbls Wtr. FL last run 5300'. Swabbing. Recovered 303 bbls fluid, 262 bbls oil & 41 bbls Wtr. FL last run @ 6500'. Swabbing. Recorded 49 bbls oil, 23 bbls wtr. FL @ 6500'. Total fluid swabbed 556 bbls, 347 oil, 209 water. Release pkr. POOH w/2-7/8" LD 5" pkr. RIH w/2-7/8" plug, 6'2-7/8" N-80 prf sub, 7" UNI VI pkr. Gas anchor w/63 1" line pipe strapped to 2 jts, 2-7/8" tbg, seat nipple & 310 jts 2-7/8" tbg. Set pkr @ 10083'. ND BOP. Landed tbg on hanger w/15000# tension. PU Highland 1-3/4" pump, 8-1 W/G 140-3/4 (6-W/G 128 slick, 6-W/G), 126-7/8, 122-1'. PU 1-8, 6', 4'x1" subs. PU polish rod. Seat pump. Stroke w/rig, strokes good. RU. Unseat pump. POOH w/rods & pump. NU BOP. PU on tbg & Guiberson pkr wasn't set. POOH w/tbg & BHA (had 70 tbg collars worn out from tbg moving). RU OWP. RIH w/5" wireline set RBP & set @ 13710'. Dumped 23Ks sand on RBP. Perfed Wasatch 12,907'-13,683' w/3-1/8" csg gun.

RUN	DEPTH	FT.	HOLES	PSI
1	13,623-13,409'	23'	69	0
2	13,402-12,159'	23'	69	0
3	13,147-12,907'	21'	63	0
TOTAL		67'	201	

RIH w/229 jts 2-7/8". Changed out 28 worn couplings. PU 91 jts 2-7/8" yellow baned tbg. Set pkr @ 12874'. Filled csg w/560 bbls wtr. BO prams leaked. Installed new rams in BOP. Press test csg to 2000 psi, lost 1000 psi in 5 mins. Got injection rate 1 BPM @ 1900

psi. Released pkr. POOH 2/400 jts 2-7/8" 8 LD pkr. RIH w/304 jts 2-7/8". RIH w/21 jts 2-7/8", 325 total. Set RBP @ 10,118', pkr @ 10443'. Filled tbg w/30 BW. Press tested tools 2000#. POOH w/tbg. LO pkr. RU, OWP, RIH & dump 1 sx sand on RBP @ 10481'. POOH & RD DWP. RIH w/MSOT 7" HD pkr & 216 jts 2-7/8" tbg. Set pkr @ 6977'. Got injection rate down tbg. 1 BPM @ 1900 psi. Filled csg w/321 bbls wtr. Press test csg to 2000 psi, held. Released pkr. RIH w/93 jts 2-7/8" tbg. Set pkr @ 9956'. Press test csg to 2000 psi, held. RU Halliburton. Press tbg, 2500# held. Pulled out & found leak @ 6987'. Set pkr @ 6962', csg set @ 6976', held. RU & swabbed FL down to SN @ 6970'. No fluid on last run of 8. Rec 39 BW. Waited 1 hr, made 2 dry runs. Made 3 swab runs, no fluid entry. Released pkr @ 6976'. POOH. LD 7" pkr. MU ret head. RIH w/325 jts 2-7/8" tbg to sand on RBP. Circ sand off RBP @ 10481'. Latch onto & released RBP. POOH w/tbg & RBP. RIH w/MSOI 5" HD pkr. Set pkr @ 12874'. RU Dowell & acidized Wasatch perfs 12907'-13683' w/6000 gals 15% HCL & additives + 300 balls wax. Psi 8700#, avg psi 8400# min rate 105 BPM max rate 15 BPM avg 12 BPM. ISIA 3850# 5-3170#, 10-2260#, 15-1180, 315 bbls load to rec. Pair diversion. RU swab equip. 53 runs & rec'd 219.70 bbls oil, 177.3 bbls wtr. PH 6. Starting FL 3000', ending FL 7300'. Continue swabbing Wasatch perfs 12907'-13683' - swabbed. Rec'd 285 bbls total, 175 oil, 110 bbls wtr. Heated & trans 331 bbls oil to production tank #1. Continue to clean out to RBP set @ 13710'. Tag fill @ 13690'. Cleaned out to 13693.50'. POOH w/381 jts 2-7/8" tbg, 44jts 2-3/8" tbg, clean out tool & mill. RIH w/4-1/8"x3" mill tooth shoe, CDT, 44jts 2-3/8" tbg & 381 jts 2-7/8" tbg. Clean out from 13693.50' to 13704' tbg. MLS made @ 10.50' of hole. Tools not working, possibly plugged. Perf Wasatch 12214'-12849' w/3-1/8 csg guns 3 SPF 120p phasing. Run perfs ft holes FL. psi #1 - 12849-12506'-12'-69-2300-0. #1 - 12580'-12215'-12-69-2280'-0. Total 46--138. PU 5" HD pkr. RIH w/379 jts 2-7/8" tbg. Set pkr @ 12198'. Made 32 runs & rec'd 279 bbls fluid, 129.2 bbls oil, 149.8 bbls wtr in 16 hrs. Swabbing avg 17.43 bbls per hr. Starting FL 2000', ending FL 6200'. Cont swabbing. Rec'd 90 bbls fluid, 45 bbls oil & 45 bbls wtr. FL @ 6200' RU Dowell & acidize Wasatch perfs 12215-12849' w/4500 gals 15% HCL w/additives & 225 WBS. Max P 8700 psi, avg P 8500 psi. Max R 22 BPM, min R 0 BPM, avg R 16 BPM. ISIP 3270 psi. 15 min 943 psi. Tatal load 242 bbls. Diversion exc. Start swabbing. Made 52 total runs, rec'd 283.2 bbls oil, 119.8 bbls wtr in 21 hrs of swabbing. Continue swabbing perfs 12215'-12849'. Made 3 runs & rec'd 25 bbls fluid. Unset pkr @ 12198'. Well flowed @ 12 bbls. Total 37 bbls oil, 0 wtr. Released pkr @ 12198'. POOH w/tbg & pkr. RIH w/5" retrihead. Tagged fill @ 12880'. Circ off balls & sand to RBP @ 12890'. Circ hole clean. Latch onto RBP & open bypass & let fluid equalize. Release RBP. Laid down 92 jts 2-7/8 work string on rack. POOH w/234 jts 2-7/8 production string. Continue POOH w/75 jts 2-7/8 tbg & 5" RBP. PU BHa as follows & RIH 7" tac 4' 2-7/8 tbg sub, 1 perf jt solid plug-1 2-7/8 jt 4-1/2 PBGA (new style) 6'2-7/8 tbg sub + 45 PSN w/310 jts 2-7/8 tbg. Set TAC @ 10113'. RIH w/1-3/4" pump & rods. Space out & seat pump. Filled tbg w/6 bbls wtr. Stroke pump w/rig & press test tbg to 700 psi, good pump action. Clamp off rods. Slide unit ahead & hang off rods. Well pumping. POOH w/2-7/8 & 2-3/8 tbg, bailer, mill shoe, 1 jt full of frac balls & sand. Laid down clean out tools. RIH w/44 jts 2-3/8 tbg, 381 jts 2-7/8 tbg. Tagged fill @ 12700'. Circ balls & sand off RBP @ 12710'. Latch onto RBP & open. POOH w/381 jts 2-7/8. Laid down 44 jts 2-3/8 w/5" RBP. RBP @ 12890 w/1 sx sand above. RU 3-1/8 csg gun w/3 SPF 120p phasing.

12/25-
27/95

MIRU, Unseat pump. POOH w/rods to 3/4" Taper. POOH w/rods & pump & prime Highland 1-3/4" pump & RIH w/rods. Put well on prod. TC: \$11,485

03/09-13/96

MIRU-unseat pump. Attempt to flush tbg clear - 2000 psi on tbg, 0 psi on csg. Working rods w/pressure & w/o press. TOH w/rods & pump - Hot flush tbg w/30 BW @ 230p. Mix 30 BW w/55 gal. TD 102 & pump away - Wait 1 1/2 hr - hot flush tbg w/70 bbls @ 260p. TIH w/pump & rods - seat & space pump. Hot pmpg csg. Work rods & attempt to hot flush tbg. POOH w/20 - 1" rods. Attempt to flush tbg, would not flush. POOH w/rods - swabbing fluid first 62 - p rods. RU Delsco to cut wax. RU hot @ TP to 3300 psi. Wax plug broke loose. Flush tbg w/30 bbls Diesel, 20 BW. RU Delsco & cut wax to 8000'. Flush clear. TIH w/rods - seat & space pump. Hang well on - put well on pfdw@12

05/17-22/96

POOH w/rods & pmp. LD 122 - 1" & 126 - p" rods. PU & Tst 1 1/4 pmp. PU & RIH w/126 guided p" + 122 guided 1" EL rods. Seat pmp. Pmp waxed off. POOH w/rods & pmp. Pmp 130 BC & 80 BW @ 230p dwn tbg. RIH w/rods & pmp. Rtn to prod.

CC: \$51,840

9/18-10/5/97 MIRU. POOH w/ parted rods to 5600'. ND WH, NU BOP. Rls TAC. POOH w/ tbg to prt rods. Back off rods. POOH w/ rods. POOH w/ tbg. RU wireline. RIH w/ 3-7/8" GR. Tag @ 14,375. PBTD @ 14,450. RU Cutters. Pefr from 14,312' - 12,311', 66 zones, 3 SPF, 120 degrees phasing, 3-1/2" gun. FL @ 7650'. SITP: 0. RIH w/ 5" pkr on 2-7/8" & 3-1/2" tbg. Set pkr @ 13,704'. RU swab equip. Swab 3 hrs. Rec 3 BO & 21 BW. IFL @ 8000', FFL @ 9800'. RU Dowell. Acidize perfs 13,717' - 14,424' w/ 7200 gal 15% HCL & 1 ppg RS & 360 balls. Max P. 9000 psi, Avg P. 8700 psi, M. Rate: 23 BPM, Avg Rate 17 BPM, good div. ISIP: 2550 psi, 5 min SIP: 2330 psi, 10 min SIP: 1850 psi, 15 min SIP: 137 psi. Bleed off well. Rls pkr. PUH. Set pkr @ 12,180'. Acidize perfs 12,215' - 13,683' w/ 13,600 gals 15% HCL, 1ppg RS, 680 balls. Max P. 9000 psi, Avg P. 8700 psi, Max Rate 27 BPM, Avg Rate 17 BPM, Div fair. ISIP: 3000 psi, 5 min SIP: 2165 psi, 10 min SIP: 1854 psi, 15 min SIP: 1543 psi. RU swab. IFL @ 300', FFL @ 6500 psi. Rec 222 BW in 7 hr. PH 2. Swab. IFL @ 7500', FFL @ 7500'. Rec 180 BW & 4 BO in 12 hrs. PH 4. Last 4 runs 5% oil cut. Swab. IFL @ 6100', FFL @ 7700'. Rec 10 BO & 56 BW, 15% Oil cut, entry 6 BPH, PH 5. Rlse Pkr. POOH. RU wireline. Set CIBP @ 10,757'. Perf from 10,274' - 10,717' (56', 168 holes) w/ 3-1/8" csg gun, 120 degree phasing, RIH w/ 5" HD pkr on 2-7/8" & 3-1/2" tbg. Set pkr @ 10,218'. SITP 300 psi. IFL @ 1400', FFL @ 7800'. Rec 116 BW, trac oil, PH 6. MIRU Dowell. Acidize perfs 10,274'-10,717' w/ 5100 gals 15% HCL + 1 ppg rock salt + 255 balls. Max Rate 35 BPM, Avg Rate 28 BPM. Max P 9050 psi, Avg P 8500 psi. Total load 400 bbls, Diversion Fair. ISIP: 1480 psi. 5 min SIP: 943 psi, 10 min SIP: 764 psi, 15 min SIP: 636 psi, Flow back 45 bbls, RU swab. Swab for 2-1/2 hrs. Swab back 61 bbls. Well began to flow. Well flow 135 bbls in 4 hrs w/ trace oil. Rec 241 bbls. Let flow overnight. Died at 4 am. Rec 10 BO, 202 BW, 24 MCF in 15 hrs. RU swab. IFL @ 800', FFL @ 900', Rec 407 bbl w/ trace of oil. 500 SITP. IFL @ 400', FFL @ 1000', Rec 283 BW, trace oil in 6 hrs. Rlse Pkr. POOH. RIH w/ BHA. Set 7" A/C @ 9844', SN @ 10,068, EOT @ 10,134'. ND BOP, NU WH. RIH w/ 1-3/4" pump. Seat pump @ 10,068'

TC: \$184,445

12/21/97 Drill Out CIBP.
through MIRU, unseat pump, flush rods & tbg, reseal pump & test to 1,000 psig, unseat pump, circ
12/29/97 oil off csg (193 BO), TOO H w/ rods & pump, SDFN. Cont TOO H w/ rods & 1 3/4" pump, TOO H w/ 2 7/8" tbg & BHA, pull wet string, SDFN. RIH w/ 4 1/8" bit, 2 3/8" & 2 7/8" tbg, SDFN. Tag CIBP @ 10,755', mill out CIBP & push dn hole to 14,424', TOO H w/ tbg & tools, RIH w/ BHA & prod tbg, SDFN. Set TAC @ 9,811', RIH w/ 1 3/4" pump & rods, seat pump @ 10,038, test tbg to 1,000 psig, RDMO.

CC: \$31,488

3/2/99 AFE to be P & A. Wait on construction crew to remove the rototflex equipment. Spot equipment.

DC: \$2,463

3/3/99 AFE to be P & A. RU unseat pmp. Flush rods w/ 50 BBLS PW. POOH & LD rods. Well started flowing up CSG & TBG. Flow well to frac tank. Rec 110 BBLS.

DC: \$4,639

3/4/99 AFE to be P & A. Flow well. Rec 425 BBLS of oil. Circ well w/ 325 BBLS PW. ND WH. Rels 7" TAC @ 9811'. NU BOP. POOH w/ 2 7/8" . LD BHA. PU 7" cement retainer on 2 7/8" TBG & RIH. EOT 2000'.

DC: \$8,438

3/5/99 AFE to be P & A. RIH w/ 7" cmt ret. Set ret @ 10,100'. Inj rate @ 3 BPM @ 440 PSI. Mix & pmp 460 sxs thru ret. Sting out. Dumping 20 sxs on top of ret. Pull up rev out & disp w/ 9# brine water. LD 2 7/8" tbg up to 7400'. POOH w/ tbg EOT @ 4000'.

DC: \$6,323

3/6/99 AFE to be P & A. POOH w/ 2 7/8" tbg. LD stinger. RIH open ended to 7400'. Mix and pmp 136 sxs 15.5 class "G" cmt. Top of cmt @ 6800'. LD 137 jts. POOH. MIRU Cutters, perf @ 3100'. RD Cutters. ND WH. Strip 9 5/8" cmt ret. RIH w/ cmt ret. EOT 1400'.

DC: \$8,538

3/7/99

AFE to be P & A. RIH set cmt ret @3080'. RU Dowell mix & pmp 65 sxs thru cmt ret. Sting out dump 75 sxs on top of cmt ret. Cmt top @ 2860'. LD 59 jts 2 7/8" tbg. POOH w/ 34 jts. ND WH & BOP. RU Cutters, shot 4 holes @ 1200'. RIH w/ 9 5/8" cmt ret. Set @ 1180'. RD Cutters, NU WH & BOP, RIH w/ stinger & tbg. RU Dowell mix & pmp 65 sxs of cmt thru cmt ret. Dumped 75 sxs cmt onto top of cmt ret. Cmt top 980'. LD rest of tbg, RU Cutters, perf @ 200'. RD Cutter. RU Dowell mix & pmp 235 sxs cmt wouldn't come to surface. ND BOP & WH. RD GWS Rig 102. Move out of the way to dig out cellar cut off WH. RU Dowell & 80' of 1" tbg mix & pmp 90 sxs of cmt. No cmt to surface. All cement is class "G" 15.8#.

DC: \$11,729

3/8/99

AFE to be P & A. RD Dowell max & pmp 170 sxs 15.8 class "G" cmt thru 80' of tbg. Cement to surface & weld on cap & DHM.

DC: \$26,081

TC: \$68,211

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
Expires: November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

5. Lease Serial No.
14-20-H62-4647

6. If Indian, Allottee or Tribe Name
Ute

7. If Unit or CA/Agreement, Name and/or N/A
N/A

8. Well Name and No.
Ute #1-15B6

9. API Well No.
43-013-31484

10. Field and Pool, or Exploratory Area
Altamont

11. County or Parish, State
Duchesne Utah

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
Coastal Oil & Gas Corporation

3a. Address
P.O. Box 1148, Vernal UT 84078

3b. Phone No. (include area code)
(435)-781-7023

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
**1401' FSL 1295' FWL
Section 15-T2S-R6W
NW SW**

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
<input type="checkbox"/> Change Plans	<input checked="" type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zone. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 day following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

The above referenced well was plugged and abandoned 3/8/99.

Set 7" cement retainer @ 10,100' and cement with 460 sxs Class G, 20 sxs on top of retainer. LD 2-7/8" tubing up to 7400'. Cement 136 sxs Class G to 6800'. LD 137 jts 2-7/8" tubing. Set cement retainer @ 3080'. cement with 65 sxs Class G, 75 sxs on top of retainer, cemented to 2860'. LD 59 jts 2-7/8" tubing. Set cement retainer @ 1180', cement 65 sxs Class G, an additional 75 sxs Class G cemented on top of retainer. Cement top @ 980'. LD rest of tubing. Perf @ 200', pump 235 sxs Class G cement, would not come to surface. Pump 90 sxs of Class G, no cement to surface. Pumped an additional 170 sxs Class G, cemented to surface. Weld cap.

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Deanna Bell

Title

Environmental Secretary

Date

3/15/00

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

Kathleen Clarke
Executive Director

Lowell P. Braxton
Division Director

1594 West North Temple, Suite 1210
PO Box 145801
Salt Lake City, Utah 84114-5801
801-538-5340
801-359-3940 (Fax)
801-538-7223 (TDD)

April 7, 2000

Mr. Carroll Wilson
Coastal Oil and Gas Corporation
P.O. Box 1148
Vernal, Utah 84078

Re: Plugging and Abandonment of Ute 1-15B6 Well, Sec.15, T. 2S, R. 6W, Duchesne County, Utah, API No. 43-013-31484

Dear Mr. Wilson:

In response to Coastal's request, the Utah Division of Oil, Gas and Mining hereby acknowledges receipt of your March 14, 2000 letter, with accompanying attachments.

So far as the Division is concerned, Coastal has met the obligations as outlined in the Division's approval of the Application for Permit to Drill for this well and the requirements of the Utah Oil and Gas Conservation General Rules, in order to consider the well plugged and abandoned.

If you have further questions or concerns, please feel free to contact me at 801-538-5334.

Sincerely,

John R. Baza
Associate Director
Oil and Gas

cc: D. Staley
J. Thompson
E. Russell
Well File



March 14, 2000

RECEIVED

MAR 15 2000

**DIVISION OF
OIL, GAS AND MINING**

State of Utah
Division of Oil, Gas and Mining
PO Box 145801
Salt Lake City, UT 84114-5801

Attn: Mr. John Baza

Re: Altamont-Bluebell Field
Cedar Rim Area
Ute #1-15B6
API #43-013-31484
Twp 2 South, Rge 6 West, USB&M
Section 15: All
Duchesne County, Utah

Gentlemen:

The subject well was plugged and abandoned in March, 1999. At the request of the owners of the surface, there has been a limited re-habilitation of the surface at the wellsite, access road and other production facilities. For completion of your file, I am enclosing copies of the releases from the surface owners of the obligation to restore the surface to its original contours and a copy of a letter from the Bureau of Land Management dated March 7, 2000, which recognizes that rehabilitation of the surface has been accepted by the surface owners.

Coastal hereby respectfully requests for your office to also acknowledge that Coastal has fulfilled its restoration obligation; and if you have any questions, please contact the undersigned. My direct phone line is (435) 781-7020.

Very Truly Yours,

Carroll A. Wilson
Sr. Landman

Coastal Oil & Gas Corporation

A SUBSIDIARY OF THE COASTAL CORPORATION
1368 S 1200 E • P.O. BOX 1148 • VERNAL UT 84078 • 435/789-4433 • FAX 435/789-4436

ESMTS-00.046



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Vernal Field Office
170 South 500 East
Vernal, Utah 84078-2799

Phone: (435) 781-4400
Fax: (435) 781-4410

IN REPLY REFER TO:
3162.34
UTO8438

March 7, 2000

Coastal Oil & Gas Corporation
ATTN: Carroll Wilson
P.O. Box 1148
Vernal, Utah 84078

RE: Well No. Ute 1-15B6
Lease No. 14-20-462-4686
Sec. 15, T2S, R6W
API #43-013-31484
CA #UTU-73964
Uintah County, Utah

Dear Mr. Wilson:

The above referenced ANR well was plugged and abandoned March 8, 1999.

An inspection was documented May 26, 1999. The Bureau of Indian Affairs concurs with us that rehabilitation has been satisfactorily completed.

Surface rehabilitation has been accepted by the surface owner.

Final abandonment of the well and well site has been approved.

If you have any questions concerning this matter, please contact Stan Olmstead at (435) 781-4468.

Sincerely,

Howard Cleavinger, II
Assistant Field Manager
Mineral Resources

cc: BIA.



June 17, 1999

Mr. and Mrs. David P. Burkley
Rocking B Ranch, L.P.
HC 63, Box 25
Duchesne, UT 84021

Re: Ute 1-15B6
API #43-013-31484
Township 2 South, Range 6 West
Section 15: 1401' FSL & 1295' FWL
Duchesne County, Utah

Dear Mr. & Mrs. Burkley:

I have been out of the office since my meeting with Mr. Burkley on June 4, 1999; and I would like to take this opportunity to summarize our understanding of the events of that day.

First, the bridge:

Coastal will not remove the bridge across the Duchesne River which it installed on your property in 1995 to gain access to a well site for the Ute #1-15B6, API #43-013-31484, located in the SW $\frac{1}{4}$ Section 15-2S-6W. Neither will the bridge be treated as abandoned personal property under the terms of that certain Right of Way and Easement Agreement dated effective January 19, 1995; and Coastal will continue to have access to the well site solely for the purpose of satisfying its contractual and regulatory obligations to reclaim and to reseed the well site and access road. Upon receipt of evidence that Coastal has fulfilled its obligations to the Bureau of Land Management ("BLM"), to the Bureau of Indian Affairs ("BIA"), to the State of Utah ("State") and to the other private owners of the surface impacted by the well site and access road, Coastal will deliver to you a bill of sale, or such other documentary evidence as may be determined by Coastal's attorney's, transferring ownership of the bridge over to the Rocking B Ranch L.P., where is and as is without any warranties as to the condition, suitability or fitness for any particular purpose.

Second, the power poles, flow lines and battery site:

You have agreed that Coastal has completely satisfied its obligations the Rocking B Ranch L.P. to remove and to restore the surface disturbed by the flow lines and battery site; and you have expressed your preference for the power poles to be left in place for your use in the event that electric power might be restored at some future date

Coastal Oil & Gas Corporation

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1-15B6.008

Rocking B Ranch L.P.
June 17, 1999
Page Two

Third, the well site and access road:

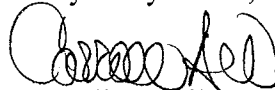
The surface use plan, which was approved by the Bureau of Land Management ("BLM") in exercising regulatory control and which was attached to Coastal's Federal permit to drill the well, calls for "all disturbed surfaces" to be "recontoured to the approximate natural contours" prior to being reseeded, as a part of the reclamation of the well site after the well has been plugged and abandoned. The BLM has advised Coastal that the obligation to recontour the well site to the natural contour of the hillside under the surface use plan may be waived, provided evidence that the surface owners agree to such a waiver is provided to them.

According to the Duchesne County records, Rocking B Ranch L.P. is the owner of the surface in the SW $\frac{1}{4}$ SW $\frac{1}{4}$ Section 15, SE $\frac{1}{4}$ SE $\frac{1}{4}$ Section 16 and NW $\frac{1}{4}$ NW $\frac{1}{4}$ Section 22, including approximately .739 acres of the 4.525 total acres in the well site and approximately 320.93 rods of access road; however, since the well site is located near the center of the SW $\frac{1}{4}$ of the section, there are three separate owners of the surface making up the well site, in addition to Rocking B Ranch L.P.

I have spoken personally to two of your neighbors, Little Red Creek Cattle Company and Mr. & Mrs. Garel R. Larson; and all have indicated their willingness, or preference, to waive the obligation to recontour the well site to the natural contour of the hillside; and Coastal hereby requests that you join with your neighbors in waiving this requirement. **Please indicate your concurrence by dating and signing two copies of the Release which is attached to this letter in the space provided and returning those two signed copies to the undersigned in the courtesy envelope which is enclosed.**

Please feel free to contact the undersigned if you have any questions.

Very Truly Yours,

A handwritten signature in dark ink, appearing to read "Carroll A. Wilson", with a long horizontal line extending to the right.

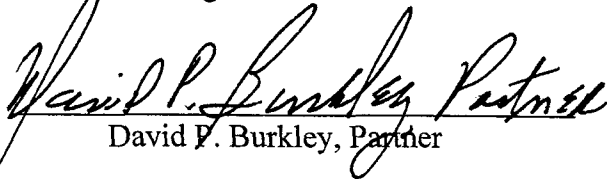
Carroll A. Wilson
Senior Landman

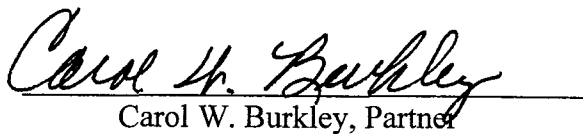
RELEASE

The Rocking B Ranch L.P., as the surface owner in the SW $\frac{1}{4}$ SW $\frac{1}{4}$ Section 15, SE $\frac{1}{4}$ SE $\frac{1}{4}$ Section 16 and NW $\frac{1}{4}$ NW $\frac{1}{4}$ Section 22-2S-6W, Duchesne County, Utah, including approximately .739 acres of the 4.525 total acres in the well site for the Ute #1-15B6, API #43-013-31484 and approximately 320.93 rods of access road, hereby releases Coastal Oil & Gas Corporation from all obligation or liability to recontour this well site and access road to the approximate natural surface contours.

Signed this 23 day of June, 1999.

Rocking B Ranch L.P.


David P. Burkley, Partner


Carol W. Burkley, Partner



June 17, 1999

Mr. and Mrs. Garel R. Larson
1194 East 4975 South
Ogden, UT 84403-4776

Re: Ute 1-15B6
API #43-013-31484
Township 2 South, Range 6 West
Section 15: 1401' FSL & 1295' FWL
Duchesne County, Utah

Dear Mr. and Mrs. Larson:

In the spring and summer of 1995, Coastal Oil & Gas Corporation (successor to ANR Production Company) drilled and completed the subject well as a producing oil well in the Wasatch Formation. The well continued to produce up until January, 1998, but has subsequently been plugged and abandoned. All production equipment has been moved off; and the location has been cleaned up and graded flat prior to undertaking the reclamation of the surface of the well site.

The surface use plan, which was approved by the Bureau of Land Management ("BLM") in exercising regulatory control and which was attached to Coastal's Federal permit to drill the well, calls for "all disturbed surfaces" to be "recontoured to the approximate natural contours" prior to being reseeded, as a part of the reclamation of the well site after the well has been plugged and abandoned. The well site was originally constructed on a steep hillside with outcrops of stratified rock ledge; and the construction required the use of a considerable amount of explosives to prepare. The site is presently stabilized; however, Coastal believes that recontouring of the well site to the natural contour of the steep hillside will have a destabilizing influence; and, since the stratified rock ledges which held the soil in place were altered by the construction process, an attempt to recontour the well site to the natural contour of the hillside may result in undesirable erosion into the Duchesne River valley below. The BLM has advised Coastal that the obligation to recontour the well site to the natural contour of the hillside under the surface use plan may be waived, provided evidence that the surface owners agree to such a waiver is provided to them.

According to the Duchesne County records, you are the owners of the surface in the S $\frac{1}{2}$ NW $\frac{1}{4}$ SW $\frac{1}{4}$ Section 15, including approximately 1.712 acres of the 4.525 total acres in the well site and approximately 59.60 rods of the access road right of way; however, since the well site is located near the center of the SW $\frac{1}{4}$ of the section, there are three separate owners of the surface making up the well site, in addition to yourselves.

Coastal Oil & Gas Corporation

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1-15B6.006

Mr. and Mrs. Garel R. Larson
June 17, 1999
Page Two

I have spoken personally to two of your neighbors, Mr. & Mrs. David Burkley and to a representative of the Little Red Creek Cattle Company; and all have indicated their willingness, or preference, to waive the obligation to recontour the well site to the natural contour of the hillside; and Coastal hereby requests that you join with your neighbors in waiving this requirement. **Please indicate your concurrence by dating and signing one copy of this letter in the space provided below and returning that signed copy to the undersigned in the courtesy envelope which is attached.**

Please feel free to contact the undersigned if you have any questions.

Very Truly Yours,


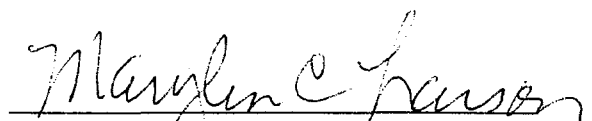



Carroll A. Wilson
Senior Landman

RELEASE

We the undersigned, as surface owners in the S $\frac{1}{2}$ NW $\frac{1}{4}$ SW $\frac{1}{4}$ Section 15-2S-6W, Duchesne County, Utah, including approximately 1.712 acres of the 4.525 total acres in the well site for the Ute #1-15B6, API #43-013-31484 and including approximately 59.60 rods of access road to the well site, hereby release Coastal Oil & Gas Corporation from all obligation or liability to recontour this well site and access road to the approximate natural surface contours.

Signed this 15 day of June, 1999.


Garel R. Larson
Marilyn C. Larson
Garel Ross Larson, Trustee



August 16, 1999

Little Red Creek Cattle Company
C/O Gary D. Stringham
P.O. Box 332
Tabiona, UT 84072

Re: Ute 1-15B6
API #43-013-31484
Township 2 South, Range 6 West
Section 15: 1401' FSL & 1295' FWL
Duchesne County, Utah

Gentlemen:

In the spring and summer of 1995, Coastal Oil & Gas Corporation (successor to ANR Production Company) drilled and completed the subject well as a producing oil well in the Wasatch Formation. The well continued to produce up until January, 1998, but has subsequently been plugged and abandoned. All production equipment has been moved off; and the location has been cleaned up and graded flat prior to undertaking the reclamation of the surface of the well site.

The surface use plan, which was approved by the Bureau of Land Management ("BLM") in exercising regulatory control and which was attached to Coastal's Federal permit to drill the well, calls for "all disturbed surfaces" to be "recontoured to the approximate natural contours" prior to being reseeded, as a part of the reclamation of the well site after the well has been plugged and abandoned. The well site was originally constructed on a steep hillside with outcrops of stratified rock ledge; and the construction required the use of a considerable amount of explosives to prepare. The site is presently stabilized; however, Coastal believes that recontouring of the well site to the natural contour of the steep hillside will have a destabilizing influence; and, since the stratified rock ledges which held the soil in place were altered by the construction process, an attempt to recontour the well site to the natural contour of the hillside may result in undesirable erosion into the Duchesne River valley below. The BLM has advised Coastal that the obligation to recontour the well site to the natural contour of the hillside under the surface use plan may be waived, provided evidence that the surface owners agree to such a waiver is provided to them.

According to the Duchesne County records, Little Red Creek Cattle Company is the owner of the surface in the SE $\frac{1}{4}$ SW $\frac{1}{4}$ Section 15, including approximately .739 acres of the 4.525 total acres in the well site, a tract formerly owned by Earl N. Wright; and Little Red Creek Cattle Company has recently acquired NE $\frac{1}{4}$ SW $\frac{1}{4}$ Section 15, including approximately 1.335 acres of the 4.525 total acres in the well site, a tract formerly owned by Rocky Pass Investments, L.P.; therefore, Little Red Creek Cattle Company is now the owner of approximately 2.074 acres of the 4.525 total acres in the well site.

Coastal Oil & Gas Corporation

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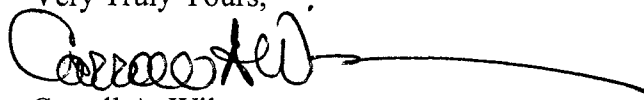
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Little Red Creek Cattle Company
August 16, 1999
Page Two

I have spoken personally to two of your neighbors, Mr. & Mrs. David Burkley doing business as Rocking B Ranch, L.P., and Mr. & Mrs. Garel R. Larson; and all have indicated their willingness, or preference, to waive the obligation to recontour the well site to the natural contour of the hillside; and Coastal hereby requests that you join with your neighbors in waiving this requirement. **Please indicate your concurrence by dating and signing one copy of this letter in the space provided below and returning that signed copy to the undersigned in the courtesy envelope which is attached.**

Please feel free to contact the undersigned if you have any questions.

Very Truly Yours,

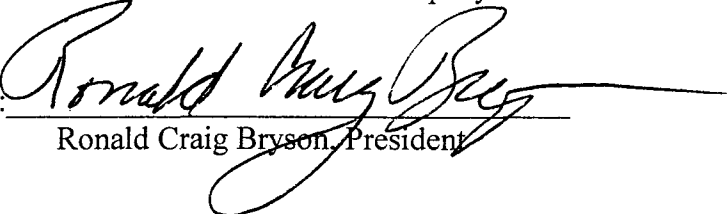

Carroll A. Wilson
Senior Landman

RELEASE

The Little Red Creek Cattle Company, as the surface owner in the E $\frac{1}{2}$ SW $\frac{1}{4}$ Section 15-2S-6W, Duchesne County, Utah, including approximately 2.074 acres of the 4.525 total acres in the well site for the Ute #1-15B6, API #43-013-31484, formerly owned by Earl N. Wright Trust and Rocky Pass Investments, L.P., hereby releases Coastal Oil & Gas Corporation from all obligation or liability to recontour this well site to the approximate natural surface contours.

Signed this 28 day of Sept, 1999.

Little Red Creek Cattle Company

By: 
Ronald Craig Bryson, President